DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 1N (BOL Log No. 2022-434)
Pond 1S (BOL Log No. 2022-435)

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 3rd 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	^+ < 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	^+ < 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	< 0.544	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	0.824	< 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	^+ < 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	^+ < 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
	8/6/2025	2.5	150	57	1.00	6.79	330	1000	< 0.0030	< 0.0010	0.097	< 0.0010	< 0.00050	< 0.0050	0.0057	< 0.00050	0.034	< 0.00020	0.050	1.21	< 0.0025	< 0.0020	10.70
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	^+ < 0.0030	0.012	0.059	< 0.0010	< 0.00050	0.0057	< 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	830	< 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	^+ < 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	^+ < 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	^+ < 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	0.015	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.071	0.736	< 0.0025	< 0.0020	28.86
	2/5/2025	4.7	91	36	0.33	7.73	430	1000	< 0.0030	0.012	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.072	1.17	< 0.0025	< 0.0020	38.07
	5/7/2025	4.6	84	39	0.38	7.76	380	830	< 0.0030	0.0084	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.071	0.946	< 0.0025	< 0.0020	4.28
	8/6/2025	5.1	81	39	0.54	7.67	400	950	< 0.0030	0.0095	0.053	< 0.0050	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.071	0.788	< 0.0025	< 0.0020	2.30
MW-07 downgradient	5/4/2021	4.0	130	110	0.69	8.29	490	1000	< 0.0030	0.0022	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.051	0.952	< 0.0025	< 0.0020	37.65
	5/24/2021	4.2	150	140	0.53	8.38	590	1400	< 0.0030	0.0022	0.064	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.049	1.28	< 0.0025	< 0.0020	2.54
	6/7/2021	4.0	110	120	0.69	7.62	480	1000	< 0.0030	0.0026	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.070	1.25	< 0.0025	< 0.0020	6.21
	6/25/2021	B 6.0	290	250	0.42	6.35	850	2300	^+ < 0.0030	0.0024	0.12	< 0.0010	< 0.00050	0.0340	0.0012	< 0.00050	0.032	< 0.00020	0.051	0.694	0.0039	< 0.0020	6.02
	7/12/2021	4.6	230	170	0.65	6.87	510	1400	< 0.0030	0.0044	0.063	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.039	< 0.00020	0.050	1.40	0.0031	< 0.0020	5.13
	8/2/2021	3.1	120	130	0.69	7.97	450	980	< 0.0030	0.0036	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.068	1.07	< 0.0025	< 0.0020	2.45
	8/25/2021	2.8	80	130	0.73	8.63	420	800	< 0.0030	0.0027	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.076	1.21	< 0.0025	< 0.0020	7.70
	11/19/2021	3.9	170	190	0.48	6.62	680	1800	< 0.0030	0.0065	0.048	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.033	2.40	< 0.0025	< 0.0020	7.35
	2/22/2022	2.6	160	130	0.42	6.50	290	1200	< 0.0030	0.0012	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.016	< 0.529	< 0.0025	< 0.0020	-0.02
	6/15/2022	4.4	150	120	0.68	7.24	520	1100	< 0.0030	0.0045	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.056	1.30	< 0.0025	< 0.0020	5.58
	8/25/2022	2.9	65	130	0.75	7.90	450	1100	< 0.0030	0.0035	0.052	< 0.0010	< ^1+ 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.073	0.944	< 0.0025	< 0.0020	2.27
	11/15/2022	3.0	59	140	1.00	8.01	440	1000	< 0.0030	0.0032	0.044	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.087	1.29	< 0.0025	< 0.0020	41.30
	2/22/2023	3.0	220	120	0.41	6.68	470	1500	< 0.0030	0.0016	0.084	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.022	0.714	< 0.0025	< 0.0020	13.55
	4/27/2023	3.5	190	110	0.55	6.51	610	1600	< 0.0030	0.0021	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.043	< 0.566	< 0.0025	< 0.0020	8.90
	7/27/2023	3.2	81	130	0.65	7.38	470	1100	< 0.0030	0.0026	0.052	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.072	0.936	< 0.0025	< 0.0020	1.00
	10/23/2023	3.4	89	130	0.74	7.29	470	1200	< 0.0030	0.0026	B 0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.078	1.09	< 0.0025	< 0.0020	8.10
	2/7/2024	3.8	210	120	0.31	6.42	480	1500	^1+ < 0.0300	0.0013	0.12	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.019	0.575	< 0.0025	< 0.0020	0.41
	5/8/2024	2.8	210	100	0.35	6.71	390	1300	< 0.0030	< 0.0010	0.084	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.018	< 0.569	< 0.0025	< 0.0020	17.65
	8/5/2024	3.4	110	97	0.60	7.38	570	1200	< 0.0030	0.0018	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.069	0.980	< 0.0025	< 0.0020	50.71
	11/4/2024	F1 2.6	66	110	0.79	7.48	440	1100	< 0.0030	0.0020	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.085	1.61	< 0.0025	< 0.0020	3.04
	2/4/2025	4.0	220	140	0.47	6.59	590	1500	< 0.0030	0.0018	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0050	< 0.00050	^5- 0.028	< 0.00020	0.051	1.03	< 0.0025	< 0.0020	30.27
	5/6/2025	4.0	320	120	0.35	6.61	710	1700	< 0.0030	< 0.0010	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.029	< 0.421	0.0053	< 0.0020	4.86
	8/6/2025	5.4	310	140	0.52	6.50	600	1800	< 0.0030	< 0.0010	0.10	< 0.0050	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.033	< 0.384	0.0042	< 0.0020	24.67

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

B - Compound was found in the blank and sample

R - Resample

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

F2 - MS/MSD RPD exceeds control limits

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptance limits, low biased.

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	^1+ < 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	0.00062	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	^+ < 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	^+ < 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	0.00160	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	^1+ < 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	^1+ < 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	^+ 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	^1+ < 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	^+ < 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	^1+ < 0.0030	0.0032	0.12	^+ < 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	^5- 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
	8/4/2025	3.6	100	100	0.8	7.70	450	1000	< 0.0030	0.0020	0.080	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.065	1.69	< 0.0025	< 0.0020	1.67
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	^1+ < 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	^+ < 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	^+ < 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	^+ < 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	^1+ < 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	^+ 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	^1+ < 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	^+ < 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	^1+ < 0.0030	0.0075	0.14	^+ < 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	< 0.0050	0.745	< 0.0025	< 0.0020	24.11
	8/4/2025	3.8	190	120	0.68	6.88	650	1400	< 0.0030	0.0045	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.023	1.14	< 0.0025	< 0.0020	47.84

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

B - Compound was found in the blank and sample

R - Resample

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

F2 - MS/MSD RPD exceeds control limits

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptance limits, low biased.

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
	5/24/021	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	0.0010	< 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	0.0010	< 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	0.0010	< 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	0.0012	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	0.0010	< 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	0.0012	< 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	0.0012	< 0.00050	0.038	< 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	0.0013	< 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
	8/6/2025	2.7	180	15	0.45	6.60	250	900	< 0.0030	< 0.0010	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.033	< 0.00020	0.011	1.43	0.0038	< 0.0020	1.45
MW-04 upgradient	5/3/2021	5.1	310	28	0.36	6.76	910	2000	< 0.0030	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	< 0.0030	0.0039	0.047	^1+ < 0.0010	< 0.00050	< 0.0050	0.0016	< 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	< 0.0030	0.0026	0.043	< 0.0010	< 0.00050	< 0.0050	0.0016	< 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	^+ < 0.0030	0.011	0.047	< 0.0010	< 0.00050	< 0.0050	0.0016	< 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	< 0.0030	0.010	0.049	< 0.0010	< 0.00050	< 0.0050	0.0016	< 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	< 0.0030	0.0039	0.046	< 0.0010	< 0.00050	< 0.0050	0.0018	< 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	< 0.0030	0.0075	0.046	< 0.0010	< 0.00050	< 0.0050	0.0020	< 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	< 0.0030	0.0063	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	0.0022	< 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	< 0.0030	0.020	0.039	^1+ < 0.0010	< 0.00050	< 0.0050	0.0017	< 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	< 0.0030	0.0030	0.045	< 0.0010	< 0.00050	< 0.0050	0.0021	< 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	< 0.0030	0.0053	0.044	< 0.0010	^1+ < 0.00050	< 0.0050	0.0030	< 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	< 0.0030	0.011	0.047	^+ < 0.0010	< 0.00050	< 0.0050	0.0032	< 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	< 0.0030	0.0044	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.032	0.795	0.067	< 0.0020	20.10
	4/27/2023	4.3	310	25	0.33	6.51	870	2000	< 0.0030	0.0027	0.039	< 0.0010	< 0.00050	< 0.0050	0.0015	< 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	< 0.0030	0.0017	0.041	^+ < 0.0010	< 0.00050	< 0.0050	0.0015	< 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	< 0.0030	0.0013	0.043	< 0.0010	< 0.00050	< 0.0050	0.0015	< 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+ < 0.0030	0.0039	0.037	^+ < 0.0010	< 0.00050	< 0.0050	0.0012	< 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	< 0.0030	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	0.0011	< 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	< 0.0030	0.0015	0.049	< 0.0010	< 0.00050	< 0.0050	0.0013	< 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	< 0.0030	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	< 0.0030	0.0037	0.054	< 0.0010	< 0.00050	< 0.0050	0.0013	< 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	< 0.0030	0.0014	0.047	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	< 0.050	< 0.00020	0.025	0.882	0.013	< 0.0020	7.76
	8/6/2025	4.1	260	20	0.61	6.52.	660	1600	< 0.0030	< 0.0010	0.050	< 0.0050	< 0.00050	< 0.0050	0.0014	< 0.00050	0.019	< 0.00020	0.017	0.792	0.021	< 0.0020	7.94
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	0.0010	< 0.00050	0.016	< 0.00020	0.044	1.06	< 0.0025	< 0.0020	6.51
	6/7/2021	4.2	170	120	0.59	7.24	650	1400	< 0.0030	0.010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.091	0.768	< 0.0025	< 0.0020	4.58
	6/28/2021	B 3.0	160	190	0.53	7.17	480	1400	^+ < 0.0030	0.014	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0011	0.019	< 0.00020	0.066	0.621	< 0.0025	< 0.0020	5.67
	7/12/2021	7.0	200	260	0.5	6.64	530	1600	< 0.0030	0.013	0.17	^+ < 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.022	< 0.00020	0.070	0.841	< 0.0025	< 0.0020	6.71
	8/2/2021	3.1	160	180	0.53	6.87	530	1400	< 0.0030	0.012	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.076	0.533	< 0.0025	< 0.0020	14.15
	8/25/2021	3.0	130	150	0.61	7.45	500	1100	< 0.0030	0.011	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.084	0.888	< 0.0025	< 0.0020	8.90
	11/19/2021	3.3	200	310	0.5	6.66	630	1900	< 0.0030	0.0094	0.065	^1+ < 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.013	< 0.00020	0.043	1.69	< 0.0025	< 0.0020	2.34
	2/24/2022	1.6	170	210	0.52	6.84	270	1200	< 0.0030	0.0060	0.061	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00068	0.0088	< 0.00020	0.026	< 0.645	0.048	< 0.0020	40.05
	6/15/2022	2.9	150	170	0.59	6.66	480	1300	< 0.0030	0.0048	0.075	< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.014	< 0.00020	0.064	1.39	< 0.0025	< 0.0020	5.01
	8/25/2022	3.0	120	140	0.75	6.95	480	1200	< 0.0030	0.0062	0.059	< 0.0010	^1+ 0.0012	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.085	1.23	< 0.0025	< 0.0020	9.02
	11/17/2022	3.5	110	120	0.63	7.19	500	1100	< 0.0030	0.014	0.061	^+ < 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.021	< 0.00020	0.11	1.20	< 0.0025	< 0.0020	13.90
	2/23/2023	1.9	150	200	0.6	7.03	320	1300	< 0.0030	0.0030	0.040	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.028	0.949	0.033	< 0.0020	43.13
	4/27/2023	2.7	180	150	0.54	6.82	480	1600	< 0.0030	0.0025	0.052	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	< 0.010	< 0.00020	0.030	< 0.654	< 0.0025	< 0.0020	29.20
	7/26/2023	3.3	140	120	0.65	7.27	530	1200	< 0.0030	0.0029	0.056	< 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	0.018	< 0.00020	0.080	< 0.901	< 0.0025	< 0.0020	16.90
	10/24/2023	3.6	110	110	0.72	7.09	510	1200	< 0.0030	0.0059	B 0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.10	1.03	< 0.0025	< 0.0020	11.30
	2/7/2024	2.6	190	180	0.45	6.86	410	1400	^1+ < 0.0300	0.0024	0.070	^1+ < 0.0100	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.026	< 0.536	0.015	< 0.0020	39.80
	5/8/2024	1.7	140	220	0.53	7.05	210	1100	< 0.0300	0.0029	0.067	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	< 0.010	< 0.00020	0.017	< 0.658	< 0.0025	< 0.0020	51.31
	8/5/2024	3.2	140	140	0.65	7.01	490	1300	< 0.0030	0.0040	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.074	< 0.507	< 0.0025	< 0.0020	3.52
	11/4/2024	3.7	150	130	0.63	7.43	520	1300	< 0.0030	0.0079	0.069	< 0.0010	< 0.00050	< 0.0050	0.0010	< 0.00050	0.018	< 0.00020	0.094	0.875	< 0.0025	< 0.0020	18.02
	2/4/2025	2.1	150	180	0.51	6.87	280	1200	< 0.0030	0.0031	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.011	< 0.00020	0.029	< 0.0675	0.0032	< 0.0020	48.94
	5/6/2025	1.7	140	150	0.51	6.96	190	960	< 0.0030	0.0025	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	0.8350	< 0.0025	< 0.0020	23.68
	8/5/2025	2.0	160	130	0.72	6.63	190	1100	< 0.0030	< 0.0010	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.023	0.599	0.0027	< 0.0020	53.78

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

B - Compound was found in the blank and sample

R - Resample

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

F2 - MS/MSD RPD exceeds control limits

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptance limits, low biased.

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
	7/25/2018 R	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
	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
	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
	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
	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
	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
	8/5/2025	2.1	38	170	0.72	8.77	270	800	< 0.0030	0.0089	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	< 0.0809	< 0.0025	< 0.0020	13.94
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	< 0.00050	< 0.0050	< 0.0010	0.0010	< 0.010	< 0.00020	0.015	< 0.721	0.013	< 0.0020	41.90
	7/25/2023	1.6	140	170	0.35	7.02	240	960	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00060	< 0.010	< 0.00020	0.014	< 1.07	0.0088	< 0.0020	16.70
	10/19/2023	1.2	120	150	0.39	7.01	130	860	< 0.0030	0.0014	0.12	< 0.0010	< 0.00050	< 0.0050	0.0010	0.0011	< 0.010	< 0.00020	0.018	0.891	0.0046	< 0.0020	47.10
	2/5/2024	1.1	200	600	0.28	7.06	180	1600	^1+ < 0.0030	0.0013	0.23	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.011	< 0.626	0.014	< 0.0020	22.00
	5/6/2024	2.7	200	F1 240	0.32	7.43	470	1500	< 0.0030	< 0.0010	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.015	< 0.899	0.011	< 0.0020	12.61
	8/1/2024	2.0	170	180	0.33	7.72	290	1100	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.014	0.494	0.0076	< 0.0020	9.80
	11/4/2024	1.2	130	110	0.37	7.27	110	820	< 0.0030	< 0.0010	0.091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.012	1.82	0.0078	< 0.0020	11.79
	2/3/2025	1.1	130	160	0.35	7.22	160	840	< 0.0030	< 0.0010	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00072	^5- < 0.010	< 0.00020	0.012	< 0.775	0.0081	< 0.0020	59.22
	5/6/2025	1.3	140	190	0.30	7.40	180	1000	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00059	< 0.010	< 0.00020	0.011	1.02	0.012	< 0.0020	23.03
	8/4/2025	1.4	120	170	0.48	6.99	150	810	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.012	< 0.436	0.0071	< 0.0020	16.01

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

B - Compound was found in the blank and sample

R - Resample

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

F2 - MS/MSD RPD exceeds control limits

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptance limits, low biased.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/18/2025 3:39:31 PM

JOB DESCRIPTION

Will County CCR 1N/1S

JOB NUMBER

500-272609-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Authorized for release by
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Table of Contents

Job ID: 500-272609-1 — Eurofins Chicago

Job Narrative
500-272609-1

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

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

Receipt
The samples were received on 8/5/2025 4:22 PM and 8/6/2025 3:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 4.1°C, 4.5°C, 5.4°C, 5.5°C and 5.6°C.

Metals
Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-02 (500-272609-8), MW-04 (500-272609-10) and MW-07 (500-272609-11). 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.

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

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 1N/1S

Job ID: 500-272609-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272609-1	MW-08	Water	08/05/25 12:42	08/05/25 16:22	Illinois
500-272609-2	MW-09	Water	08/05/25 14:06	08/05/25 16:22	Illinois
500-272609-3	MW-13	Water	08/04/25 11:54	08/05/25 16:22	Illinois
500-272609-4	MW-14	Water	08/04/25 13:16	08/05/25 16:22	Illinois
500-272609-5	MW-15	Water	08/04/25 14:31	08/05/25 16:22	Illinois
500-272609-6	1N/1S Duplicate	Water	08/04/25 00:00	08/05/25 16:22	Illinois
500-272609-7	MW-01	Water	08/06/25 09:03	08/06/25 15:35	Illinois
500-272609-8	MW-02	Water	08/06/25 10:00	08/06/25 15:35	Illinois
500-272609-9	MW-03	Water	08/06/25 11:25	08/06/25 15:35	Illinois
500-272609-10	MW-04	Water	08/06/25 13:05	08/06/25 15:35	Illinois
500-272609-11	MW-07	Water	08/06/25 14:15	08/06/25 15:35	Illinois

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-08
Date Collected: 08/05/25 12:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:27	1
Boron	**2.0**		0.050		mg/L		08/08/25 14:18	08/15/25 13:40	1
Barium	**0.097**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:27	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 13:40	1
Calcium	**160**		0.20		mg/L		08/08/25 14:18	08/13/25 16:27	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:27	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:27	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:27	1
Molybdenum	**0.023**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:27	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:27	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:27	1
Selenium	**0.0027**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:27	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:27	1
Lithium	**0.013**		0.010		mg/L		08/08/25 14:18	08/13/25 16:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**130**		10		mg/L			08/16/25 14:30	10
Sulfate (EPA 300.0)	**190**		10		mg/L			08/16/25 14:30	10
Total Dissolved Solids (SM 2540C)	**1100**		10		mg/L			08/06/25 04:46	1
Fluoride (SM 4500 F C)	**0.72**		0.10		mg/L			08/11/25 19:15	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-09
Date Collected: 08/05/25 14:06
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0089**		0.0010		mg/L		08/08/25 14:18	08/13/25 16:38	1
Boron	**2.1**		0.050		mg/L		08/08/25 14:18	08/15/25 14:00	1
Barium	**0.034**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:38	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:00	1
Calcium	**38**		0.20		mg/L		08/08/25 14:18	08/13/25 16:38	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:38	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:38	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:38	1
Molybdenum	**0.077**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:38	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:38	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:38	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:38	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:38	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:18	08/13/25 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**170**		10		mg/L			08/16/25 14:45	10
Sulfate (EPA 300.0)	**270**		10		mg/L			08/16/25 14:45	10
Total Dissolved Solids (SM 2540C)	**800**		10		mg/L			08/06/25 04:49	1
Fluoride (SM 4500 F C)	**0.72**		0.10		mg/L			08/11/25 19:21	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-13

Date Collected: 08/04/25 11:54
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:40	1
Boron	**1.4**		0.050		mg/L		08/08/25 14:18	08/15/25 14:19	1
Barium	**0.11**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:40	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:19	1
Calcium	**120**		0.20		mg/L		08/08/25 14:18	08/13/25 16:40	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:40	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:40	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:40	1
Molybdenum	**0.012**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:40	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:40	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:40	1
Selenium	**0.0071**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:40	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:40	1
Lithium	**0.010**		0.010		mg/L		08/08/25 14:18	08/13/25 16:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**170**		10		mg/L			08/16/25 15:01	10
Sulfate (EPA 300.0)	**150**		10		mg/L			08/16/25 15:01	10
Total Dissolved Solids (SM 2540C)	**810**		10		mg/L			08/06/25 05:16	1
Fluoride (SM 4500 F C)	**0.48**		0.10		mg/L			08/11/25 19:25	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-14
Date Collected: 08/04/25 13:16
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-4
Matrix: Water

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		08/08/25 14:18	08/13/25 16:43	1
Boron	3.6		0.050		mg/L		08/08/25 14:18	08/15/25 14:23	1
Barium	0.080		0.0025		mg/L		08/08/25 14:18	08/13/25 16:43	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:23	1
Calcium	100		0.20		mg/L		08/08/25 14:18	08/13/25 16:43	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:43	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:43	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:43	1
Molybdenum	0.065		0.0050		mg/L		08/08/25 14:18	08/13/25 16:43	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:43	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:43	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:43	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:43	1
Lithium	0.031		0.010		mg/L		08/08/25 14:18	08/13/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		10		mg/L			08/16/25 15:16	10
Sulfate (EPA 300.0)	450		10		mg/L			08/16/25 15:16	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			08/06/25 05:23	1
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			08/11/25 19:32	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-15
Date Collected: 08/04/25 14:31
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0045		0.0010		mg/L		08/08/25 14:18	08/13/25 16:50	1
Boron	3.8		0.050		mg/L		08/08/25 14:18	08/15/25 14:27	1
Barium	0.074		0.0025		mg/L		08/08/25 14:18	08/13/25 16:50	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:27	1
Calcium	190		0.20		mg/L		08/08/25 14:18	08/13/25 16:50	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:50	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:50	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:50	1
Molybdenum	0.023		0.0050		mg/L		08/08/25 14:18	08/13/25 16:50	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:50	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:50	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:50	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:50	1
Lithium	0.026		0.010		mg/L		08/08/25 14:18	08/13/25 16:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			08/16/25 15:31	10
Sulfate (EPA 300.0)	650		10		mg/L			08/16/25 15:31	10
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			08/06/25 05:29	1
Fluoride (SM 4500 F C)	0.68		0.10		mg/L			08/11/25 19:38	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: 1N/1S Duplicate

Date Collected: 08/04/25 00:00
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:52	1
Boron	**1.4**		0.050		mg/L		08/08/25 14:18	08/15/25 14:31	1
Barium	**0.10**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:52	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:31	1
Calcium	**130**		0.20		mg/L		08/08/25 14:18	08/13/25 16:52	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:52	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:52	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:52	1
Molybdenum	**0.011**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:52	1
Lead	**0.00058**		0.00050		mg/L		08/08/25 14:18	08/13/25 16:52	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:52	1
Selenium	**0.0070**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:52	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:52	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:18	08/13/25 16:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**160**		10		mg/L			08/16/25 15:47	10
Sulfate (EPA 300.0)	**150**		10		mg/L			08/16/25 15:47	10
Total Dissolved Solids (SM 2540C)	**790**		10		mg/L			08/06/25 05:31	1
Fluoride (SM 4500 F C)	**0.49**		0.10		mg/L			08/11/25 19:42	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-01
Date Collected: 08/06/25 09:03
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:54	1
Boron	**2.5**		0.050		mg/L		08/08/25 14:18	08/15/25 14:35	1
Barium	**0.097**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:54	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:35	1
Calcium	**150**		0.20		mg/L		08/08/25 14:18	08/13/25 16:54	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:54	1
Cobalt	**0.0057**		0.0010		mg/L		08/08/25 14:18	08/13/25 16:54	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:54	1
Molybdenum	**0.050**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:54	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:54	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:54	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:54	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:54	1
Lithium	**0.034**		0.010		mg/L		08/08/25 14:18	08/13/25 16:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**57**		10		mg/L			08/16/25 16:32	10
Sulfate (EPA 300.0)	**330**		10		mg/L			08/16/25 16:32	10
Total Dissolved Solids (SM 2540C)	**1000**		10		mg/L			08/08/25 09:19	1
Fluoride (SM 4500 F C)	**1.0**		0.10		mg/L			08/13/25 11:04	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-02

Date Collected: 08/06/25 10:00
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0095**		0.0010		mg/L		08/08/25 14:18	08/13/25 16:56	1
Boron	**5.1**		0.25		mg/L		08/08/25 14:18	08/15/25 14:39	5
Barium	**0.053**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:56	1
Beryllium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/15/25 14:39	5
Calcium	**81**		0.20		mg/L		08/08/25 14:18	08/13/25 16:56	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:56	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:56	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:56	1
Molybdenum	**0.071**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:56	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:56	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:56	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:56	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:56	1
Lithium	**0.044**		0.010		mg/L		08/08/25 14:18	08/13/25 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**39**		5.0		mg/L			08/16/25 16:48	5
Sulfate (EPA 300.0)	**400**		5.0		mg/L			08/16/25 16:48	5
Total Dissolved Solids (SM 2540C)	**950**		10		mg/L			08/08/25 09:22	1
Fluoride (SM 4500 F C)	**0.54**		0.10		mg/L			08/13/25 11:07	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-03
Date Collected: 08/06/25 11:25
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:59	1
Boron	**2.7**		0.050		mg/L		08/08/25 14:18	08/15/25 14:42	1
Barium	**0.099**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:59	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 14:42	1
Calcium	**180**		0.20		mg/L		08/08/25 14:18	08/13/25 16:59	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:59	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:59	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:59	1
Molybdenum	**0.011**		0.0050		mg/L		08/08/25 14:18	08/13/25 16:59	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:59	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:59	1
Selenium	**0.0038**		0.0025		mg/L		08/08/25 14:18	08/13/25 16:59	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:59	1
Lithium	**0.033**		0.010		mg/L		08/08/25 14:18	08/13/25 16:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**15**		5.0		mg/L			08/16/25 17:03	5
Sulfate (EPA 300.0)	**250**		5.0		mg/L			08/16/25 17:03	5
Total Dissolved Solids (SM 2540C)	**900**		10		mg/L			08/08/25 09:25	1
Fluoride (SM 4500 F C)	**0.45**		0.10		mg/L			08/13/25 11:11	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-04
Date Collected: 08/06/25 13:05
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 17:01	1
Boron	**4.1**		0.25		mg/L		08/08/25 14:18	08/15/25 14:50	5
Barium	**0.050**		0.0025		mg/L		08/08/25 14:18	08/13/25 17:01	1
Beryllium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/15/25 14:50	5
Calcium	**260**		1.0		mg/L		08/08/25 14:18	08/15/25 14:50	5
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 17:01	1
Cobalt	**0.0014**		0.0010		mg/L		08/08/25 14:18	08/13/25 17:01	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 17:01	1
Molybdenum	**0.017**		0.0050		mg/L		08/08/25 14:18	08/13/25 17:01	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 17:01	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 17:01	1
Selenium	**0.021**		0.0025		mg/L		08/08/25 14:18	08/13/25 17:01	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 17:01	1
Lithium	**0.019**		0.010		mg/L		08/08/25 14:18	08/13/25 17:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**20**		5.0		mg/L			08/16/25 21:07	5
Sulfate (EPA 300.0)	**660**		5.0		mg/L			08/16/25 21:07	5
Total Dissolved Solids (SM 2540C)	**1600**		10		mg/L			08/08/25 09:27	1
Fluoride (SM 4500 F C)	**0.61**		0.10		mg/L			08/13/25 11:17	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-07
Date Collected: 08/06/25 14:15
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 17:03	1
Boron	**5.4**		0.25		mg/L		08/08/25 14:18	08/15/25 14:46	5
Barium	**0.10**		0.0025		mg/L		08/08/25 14:18	08/13/25 17:03	1
Beryllium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/15/25 14:46	5
Calcium	**310**		1.0		mg/L		08/08/25 14:18	08/15/25 14:46	5
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 17:03	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 17:03	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 17:03	1
Molybdenum	**0.033**		0.0050		mg/L		08/08/25 14:18	08/13/25 17:03	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 17:03	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 17:03	1
Selenium	**0.0042**		0.0025		mg/L		08/08/25 14:18	08/13/25 17:03	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 17:03	1
Lithium	**0.040**		0.010		mg/L		08/08/25 14:18	08/13/25 17:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**140**		10		mg/L			08/16/25 21:23	10
Sulfate (EPA 300.0)	**600**		10		mg/L			08/16/25 21:23	10
Total Dissolved Solids (SM 2540C)	**1800**		10		mg/L			08/08/25 09:30	1
Fluoride (SM 4500 F C)	**0.52**		0.10		mg/L			08/13/25 11:21	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Qualifiers

Metals

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

Metals

Prep Batch: 829326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total Recoverable	Water	3005A	
500-272609-2	MW-09	Total Recoverable	Water	3005A	
500-272609-3	MW-13	Total Recoverable	Water	3005A	
500-272609-4	MW-14	Total Recoverable	Water	3005A	
500-272609-5	MW-15	Total Recoverable	Water	3005A	
500-272609-6	1N/1S Duplicate	Total Recoverable	Water	3005A	
500-272609-7	MW-01	Total Recoverable	Water	3005A	
500-272609-8	MW-02	Total Recoverable	Water	3005A	
500-272609-9	MW-03	Total Recoverable	Water	3005A	
500-272609-10	MW-04	Total Recoverable	Water	3005A	
500-272609-11	MW-07	Total Recoverable	Water	3005A	
MB 500-829326/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-829326/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272609-1 MS	MW-08	Total Recoverable	Water	3005A	
500-272609-1 MSD	MW-08	Total Recoverable	Water	3005A	
500-272609-1 DU	MW-08	Total Recoverable	Water	3005A	

Analysis Batch: 830024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total Recoverable	Water	6020B	829326
500-272609-2	MW-09	Total Recoverable	Water	6020B	829326
500-272609-3	MW-13	Total Recoverable	Water	6020B	829326
500-272609-4	MW-14	Total Recoverable	Water	6020B	829326
500-272609-5	MW-15	Total Recoverable	Water	6020B	829326
500-272609-6	1N/1S Duplicate	Total Recoverable	Water	6020B	829326
500-272609-7	MW-01	Total Recoverable	Water	6020B	829326
500-272609-8	MW-02	Total Recoverable	Water	6020B	829326
500-272609-9	MW-03	Total Recoverable	Water	6020B	829326
500-272609-10	MW-04	Total Recoverable	Water	6020B	829326
500-272609-11	MW-07	Total Recoverable	Water	6020B	829326
MB 500-829326/1-A	Method Blank	Total Recoverable	Water	6020B	829326
LCS 500-829326/2-A	Lab Control Sample	Total Recoverable	Water	6020B	829326
500-272609-1 MS	MW-08	Total Recoverable	Water	6020B	829326
500-272609-1 MSD	MW-08	Total Recoverable	Water	6020B	829326
500-272609-1 DU	MW-08	Total Recoverable	Water	6020B	829326

Prep Batch: 830087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	7470A	
500-272609-2	MW-09	Total/NA	Water	7470A	
500-272609-3	MW-13	Total/NA	Water	7470A	
500-272609-4	MW-14	Total/NA	Water	7470A	
500-272609-5	MW-15	Total/NA	Water	7470A	
500-272609-6	1N/1S Duplicate	Total/NA	Water	7470A	
500-272609-7	MW-01	Total/NA	Water	7470A	
500-272609-8	MW-02	Total/NA	Water	7470A	
500-272609-9	MW-03	Total/NA	Water	7470A	
500-272609-10	MW-04	Total/NA	Water	7470A	
500-272609-11	MW-07	Total/NA	Water	7470A	
MB 500-830087/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-830087/13-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 830087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-7 MS	MW-01	Total/NA	Water	7470A	
500-272609-7 MSD	MW-01	Total/NA	Water	7470A	
500-272609-7 DU	MW-01	Total/NA	Water	7470A	

Analysis Batch: 830308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	7470A	830087
500-272609-2	MW-09	Total/NA	Water	7470A	830087
500-272609-3	MW-13	Total/NA	Water	7470A	830087
500-272609-4	MW-14	Total/NA	Water	7470A	830087
500-272609-5	MW-15	Total/NA	Water	7470A	830087
500-272609-6	1N/1S Duplicate	Total/NA	Water	7470A	830087
500-272609-7	MW-01	Total/NA	Water	7470A	830087
500-272609-8	MW-02	Total/NA	Water	7470A	830087
500-272609-9	MW-03	Total/NA	Water	7470A	830087
500-272609-10	MW-04	Total/NA	Water	7470A	830087
500-272609-11	MW-07	Total/NA	Water	7470A	830087
MB 500-830087/12-A	Method Blank	Total/NA	Water	7470A	830087
LCS 500-830087/13-A	Lab Control Sample	Total/NA	Water	7470A	830087
500-272609-7 MS	MW-01	Total/NA	Water	7470A	830087
500-272609-7 MSD	MW-01	Total/NA	Water	7470A	830087
500-272609-7 DU	MW-01	Total/NA	Water	7470A	830087

Analysis Batch: 830411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total Recoverable	Water	6020B	829326
500-272609-2	MW-09	Total Recoverable	Water	6020B	829326
500-272609-3	MW-13	Total Recoverable	Water	6020B	829326
500-272609-4	MW-14	Total Recoverable	Water	6020B	829326
500-272609-5	MW-15	Total Recoverable	Water	6020B	829326
500-272609-6	1N/1S Duplicate	Total Recoverable	Water	6020B	829326
500-272609-7	MW-01	Total Recoverable	Water	6020B	829326
500-272609-8	MW-02	Total Recoverable	Water	6020B	829326
500-272609-9	MW-03	Total Recoverable	Water	6020B	829326
500-272609-10	MW-04	Total Recoverable	Water	6020B	829326
500-272609-11	MW-07	Total Recoverable	Water	6020B	829326
MB 500-829326/1-A	Method Blank	Total Recoverable	Water	6020B	829326
LCS 500-829326/2-A	Lab Control Sample	Total Recoverable	Water	6020B	829326
500-272609-1 MS	MW-08	Total Recoverable	Water	6020B	829326
500-272609-1 MSD	MW-08	Total Recoverable	Water	6020B	829326
500-272609-1 DU	MW-08	Total Recoverable	Water	6020B	829326

General Chemistry

Analysis Batch: 828798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	SM 2540C	
500-272609-2	MW-09	Total/NA	Water	SM 2540C	
MB 500-828798/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-828798/2	Lab Control Sample	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 828801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-3	MW-13	Total/NA	Water	SM 2540C	
500-272609-4	MW-14	Total/NA	Water	SM 2540C	
500-272609-5	MW-15	Total/NA	Water	SM 2540C	
500-272609-6	1N/1S Duplicate	Total/NA	Water	SM 2540C	
MB 500-828801/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-828801/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-272609-3 MS	MW-13	Total/NA	Water	SM 2540C	
500-272609-3 DU	MW-13	Total/NA	Water	SM 2540C	
500-272609-4 DU	MW-14	Total/NA	Water	SM 2540C	

Analysis Batch: 829245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-7	MW-01	Total/NA	Water	SM 2540C	
500-272609-8	MW-02	Total/NA	Water	SM 2540C	
500-272609-9	MW-03	Total/NA	Water	SM 2540C	
500-272609-10	MW-04	Total/NA	Water	SM 2540C	
500-272609-11	MW-07	Total/NA	Water	SM 2540C	
MB 500-829245/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-829245/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 829583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	SM 4500 F C	
500-272609-2	MW-09	Total/NA	Water	SM 4500 F C	
500-272609-3	MW-13	Total/NA	Water	SM 4500 F C	
500-272609-4	MW-14	Total/NA	Water	SM 4500 F C	
500-272609-5	MW-15	Total/NA	Water	SM 4500 F C	
500-272609-6	1N/1S Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-829583/89	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-829583/90	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 829942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-7	MW-01	Total/NA	Water	SM 4500 F C	
500-272609-8	MW-02	Total/NA	Water	SM 4500 F C	
500-272609-9	MW-03	Total/NA	Water	SM 4500 F C	
500-272609-10	MW-04	Total/NA	Water	SM 4500 F C	
500-272609-11	MW-07	Total/NA	Water	SM 4500 F C	
MB 500-829942/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-829942/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	300.0	
500-272609-2	MW-09	Total/NA	Water	300.0	
500-272609-3	MW-13	Total/NA	Water	300.0	
500-272609-4	MW-14	Total/NA	Water	300.0	
500-272609-5	MW-15	Total/NA	Water	300.0	
500-272609-6	1N/1S Duplicate	Total/NA	Water	300.0	
500-272609-7	MW-01	Total/NA	Water	300.0	
500-272609-8	MW-02	Total/NA	Water	300.0	

General Chemistry (Continued)

Analysis Batch: 830340 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-9	MW-03	Total/NA	Water	300.0	
MB 500-830340/3	Method Blank	Total/NA	Water	300.0	
LCS 500-830340/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 830342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-10	MW-04	Total/NA	Water	300.0	
500-272609-11	MW-07	Total/NA	Water	300.0	
MB 500-830342/3	Method Blank	Total/NA	Water	300.0	
LCS 500-830342/4	Lab Control Sample	Total/NA	Water	300.0	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-829326/1-A
Matrix: Water
Analysis Batch: 830024

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:22	1
Barium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:22	1
Calcium	<0.20		0.20		mg/L		08/08/25 14:18	08/13/25 16:22	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:22	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:18	08/13/25 16:22	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:22	1
Molybdenum	<0.0050		0.0050		mg/L		08/08/25 14:18	08/13/25 16:22	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:18	08/13/25 16:22	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:18	08/13/25 16:22	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:18	08/13/25 16:22	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:18	08/13/25 16:22	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:18	08/13/25 16:22	1

Lab Sample ID: MB 500-829326/1-A
Matrix: Water
Analysis Batch: 830411

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		08/08/25 14:18	08/15/25 13:32	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:18	08/15/25 13:32	1

Lab Sample ID: LCS 500-829326/2-A
Matrix: Water
Analysis Batch: 830024

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.508		mg/L		102	80 - 120
Calcium	10.0	9.02		mg/L		90	80 - 120
Cadmium	0.0500	0.0508		mg/L		102	80 - 120
Cobalt	0.500	0.542		mg/L		108	80 - 120
Chromium	0.200	0.205		mg/L		103	80 - 120
Molybdenum	1.00	1.03		mg/L		103	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Antimony	0.500	0.549		mg/L		110	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120
Lithium	0.100	0.113		mg/L		113	80 - 120

Lab Sample ID: LCS 500-829326/2-A
Matrix: Water
Analysis Batch: 830411

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.0500	0.0511		mg/L		102	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272609-1 MS
Matrix: Water
Analysis Batch: 830024

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.0010		0.100	0.101		mg/L		100	75 - 125
Barium	0.097		0.500	0.597		mg/L		100	75 - 125
Calcium	160		10.0	171	4	mg/L		87	75 - 125
Cadmium	<0.00050		0.0500	0.0508		mg/L		102	75 - 125
Cobalt	<0.0010		0.500	0.517		mg/L		103	75 - 125
Chromium	<0.0050		0.200	0.200		mg/L		100	75 - 125
Molybdenum	0.023		1.00	1.09		mg/L		107	75 - 125
Lead	<0.00050		0.100	0.105		mg/L		105	75 - 125
Antimony	<0.0030		0.500	0.542		mg/L		108	75 - 125
Selenium	0.0027		0.100	0.103		mg/L		100	75 - 125
Thallium	<0.0020		0.100	0.107		mg/L		107	75 - 125
Lithium	0.013		0.100	0.122		mg/L		109	75 - 125

Lab Sample ID: 500-272609-1 MS
Matrix: Water
Analysis Batch: 830411

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2.0		1.00	3.16		mg/L		115	75 - 125
Beryllium	<0.0010		0.0500	0.0524		mg/L		105	75 - 125

Lab Sample ID: 500-272609-1 MSD
Matrix: Water
Analysis Batch: 830024

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.0010		0.100	0.0991		mg/L		98	75 - 125	2	20
Barium	0.097		0.500	0.581		mg/L		97	75 - 125	3	20
Calcium	160		10.0	167	4	mg/L		47	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0502		mg/L		100	75 - 125	1	20
Cobalt	<0.0010		0.500	0.509		mg/L		102	75 - 125	2	20
Chromium	<0.0050		0.200	0.197		mg/L		99	75 - 125	2	20
Molybdenum	0.023		1.00	1.06		mg/L		104	75 - 125	3	20
Lead	<0.00050		0.100	0.102		mg/L		102	75 - 125	2	20
Antimony	<0.0030		0.500	0.533		mg/L		107	75 - 125	2	20
Selenium	0.0027		0.100	0.100		mg/L		98	75 - 125	3	20
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	2	20
Lithium	0.013		0.100	0.122		mg/L		109	75 - 125	0	20

Lab Sample ID: 500-272609-1 MSD
Matrix: Water
Analysis Batch: 830411

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	2.0		1.00	3.12		mg/L		111	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0506		mg/L		101	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272609-1 DU
Matrix: Water
Analysis Batch: 830024

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	<0.0010			<0.0010		mg/L				NC	20
Barium	0.097			0.0970		mg/L				0.2	20
Calcium	160			162		mg/L				0.3	20
Cadmium	<0.00050			<0.00050		mg/L				NC	20
Cobalt	<0.0010			<0.0010		mg/L				NC	20
Chromium	<0.0050			<0.0050		mg/L				NC	20
Molybdenum	0.023			0.0229		mg/L				0.3	20
Lead	<0.00050			<0.00050		mg/L				NC	20
Antimony	<0.0030			<0.0030		mg/L				NC	20
Selenium	0.0027			0.00263		mg/L				3	20
Thallium	<0.0020			<0.0020		mg/L				NC	20
Lithium	0.013			0.0137		mg/L				2	20

Lab Sample ID: 500-272609-1 DU
Matrix: Water
Analysis Batch: 830411

Client Sample ID: MW-08
Prep Type: Total Recoverable
Prep Batch: 829326

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Boron	2.0			2.12		mg/L				5	20
Beryllium	<0.0010			<0.0010		mg/L				NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-830087/12-A
Matrix: Water
Analysis Batch: 830308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 830087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/14/25 10:40	08/15/25 11:22	1

Lab Sample ID: LCS 500-830087/13-A
Matrix: Water
Analysis Batch: 830308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 830087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.00204		mg/L		102	80 - 120		

Lab Sample ID: 500-272609-7 MS
Matrix: Water
Analysis Batch: 830308

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 830087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00020		0.00100	0.000995		mg/L		99	75 - 125		

Lab Sample ID: 500-272609-7 MSD
Matrix: Water
Analysis Batch: 830308

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 830087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.00100	0.000987		mg/L		99	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-272609-7 DU
Matrix: Water
Analysis Batch: 830308

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 830087

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 500-830340/3
Matrix: Water
Analysis Batch: 830340

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			08/16/25 10:26	1
Sulfate	<1.0		1.0		mg/L			08/16/25 10:26	1

Lab Sample ID: LCS 500-830340/4
Matrix: Water
Analysis Batch: 830340

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

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

Lab Sample ID: MB 500-830342/3
Matrix: Water
Analysis Batch: 830342

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			08/16/25 19:05	1
Sulfate	<1.0		1.0		mg/L			08/16/25 19:05	1

Lab Sample ID: LCS 500-830342/4
Matrix: Water
Analysis Batch: 830342

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			100	100		mg/L		100	90 - 110		
Sulfate			100	103		mg/L		103	90 - 110		

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

Lab Sample ID: MB 500-828798/1
Matrix: Water
Analysis Batch: 828798

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/06/25 03:50	1

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

Lab Sample ID: LCS 500-828798/2
Matrix: Water
Analysis Batch: 828798

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

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

Lab Sample ID: MB 500-828801/1
Matrix: Water
Analysis Batch: 828801

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/06/25 05:11	1

Lab Sample ID: LCS 500-828801/2
Matrix: Water
Analysis Batch: 828801

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	246		mg/L		98	80 - 120

Lab Sample ID: 500-272609-3 MS
Matrix: Water
Analysis Batch: 828801

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	810		250	1110		mg/L		120	75 - 125

Lab Sample ID: 500-272609-3 DU
Matrix: Water
Analysis Batch: 828801

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	810		794		mg/L		2	5

Lab Sample ID: 500-272609-4 DU
Matrix: Water
Analysis Batch: 828801

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		1030		mg/L		4	5

Lab Sample ID: MB 500-829245/1
Matrix: Water
Analysis Batch: 829245

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/08/25 08:36	1

Lab Sample ID: LCS 500-829245/2
Matrix: Water
Analysis Batch: 829245

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	248		mg/L		99	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829583/89
Matrix: Water
Analysis Batch: 829583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/11/25 18:26	1

Lab Sample ID: LCS 500-829583/90
Matrix: Water
Analysis Batch: 829583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.44		mg/L		94	90 - 119

Lab Sample ID: MB 500-829942/3
Matrix: Water
Analysis Batch: 829942

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/13/25 09:55	1

Lab Sample ID: LCS 500-829942/4
Matrix: Water
Analysis Batch: 829942

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	9.62		mg/L		96	90 - 119

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWIESON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-138948-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-272609
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested			Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4502187743			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring	Project #: 50011609			Other:
Site: Illinois	SSOW#:			

500-272609 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water						1	
MW-02	—	—	—	Water						1	
MW-03	—	—	—	Water						1	
MW-04	—	—	—	Water						1	
MW-07	—	—	—	Water						1	
MW-08	8-5-25	12:42	G	Water	N	N	X	X	X	5	
MW-09	8-5-25	14:06	G	Water	N	N	X	X	X	5	
MW-13	8-4-25	11:54	G	Water	N	N	X	X	X	5	
MW-14	8-4-25	13:16	G	Water	N	N	X	X	X	5	
MW-15	8-4-25	14:31	G	Water	N	N	X	X	X	5	
1N/1S Duplicate	8-4-25	—	G	Water	N	N	X	X	X	5	

1 2 3 4 5 6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		8-5-25 16:22	KPRG		8/5/25	FEDEX 1622
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 5.6+5.4, 5.8-2.6, 5.7-2.5

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWICZOON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-138948-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID	Analysis Requested		Job #: 500-272609
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested			Preservation Codes: D HNO3, N None
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone	PO #: 4502187743			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring	Project #: 50011609			
Site: Illinois	SSOW#:			Other:

500-272609 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code				D	D	N		
7 MW-01	8-6-25	09:03	G	Water	N	N	X	X	X	5	
8 MW-02	8-6-25	10:00	G	Water	N	N	X	X	X	5	
9 MW-03	8-6-25	11:25	G	Water	N	N	X	X	X	5	
10 MW-04	8-6-25	13:05	G	Water	N	N	X	X	X	5	
11 MW-07	8-6-25	14:15	G	Water	N	W	X	X	X	5	
MW-08	—	—	—	Water							
MW-09	—	—	—	Water							
MW-13	—	—	—	Water							
MW-14	—	—	—	Water							
MW-15	—	—	—	Water							
1N/1S Duplicate	—	—	—	Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	8-6-25 15:35	ARCADIS		08/06/25 1535	EEIA
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 4.3→4.1, 4.7→4.5 48 pts

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272609-1

Login Number: 272609

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	5.4,5.6,5.5,4.1,4.5
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 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-08

Lab Sample ID: 500-272609-1

Date Collected: 08/05/25 12:42
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 13:40
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:27
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:26
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:30
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:46
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:15

Client Sample ID: MW-09

Lab Sample ID: 500-272609-2

Date Collected: 08/05/25 14:06
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:00
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:38
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:28
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:45
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:49
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:21

Client Sample ID: MW-13

Lab Sample ID: 500-272609-3

Date Collected: 08/04/25 11:54
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:19
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:40
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:30
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 15:01
Total/NA	Analysis	SM 2540C		1	828801	CLB	EET CHI	08/06/25 05:16
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:25

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-14

Lab Sample ID: 500-272609-4

Date Collected: 08/04/25 13:16

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:23
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:43
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:32
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 15:16
Total/NA	Analysis	SM 2540C		1	828801	CLB	EET CHI	08/06/25 05:23
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:32

Client Sample ID: MW-15

Lab Sample ID: 500-272609-5

Date Collected: 08/04/25 14:31

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:27
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:50
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:33
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 15:31
Total/NA	Analysis	SM 2540C		1	828801	CLB	EET CHI	08/06/25 05:29
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:38

Client Sample ID: 1N/1S Duplicate

Lab Sample ID: 500-272609-6

Date Collected: 08/04/25 00:00

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:31
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:52
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:35
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 15:47
Total/NA	Analysis	SM 2540C		1	828801	CLB	EET CHI	08/06/25 05:31
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:42

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-01

Lab Sample ID: 500-272609-7

Date Collected: 08/06/25 09:03
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:35
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:54
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 11:37
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 16:32
Total/NA	Analysis	SM 2540C		1	829245	CLB	EET CHI	08/08/25 09:19
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 11:04

Client Sample ID: MW-02

Lab Sample ID: 500-272609-8

Date Collected: 08/06/25 10:00
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		5	830411	RN	EET CHI	08/15/25 14:39
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:56
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 12:17
Total/NA	Analysis	300.0		5	830340	MM	EET CHI	08/16/25 16:48
Total/NA	Analysis	SM 2540C		1	829245	CLB	EET CHI	08/08/25 09:22
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 11:07

Client Sample ID: MW-03

Lab Sample ID: 500-272609-9

Date Collected: 08/06/25 11:25
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830411	RN	EET CHI	08/15/25 14:42
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 16:59
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 12:19
Total/NA	Analysis	300.0		5	830340	MM	EET CHI	08/16/25 17:03
Total/NA	Analysis	SM 2540C		1	829245	CLB	EET CHI	08/08/25 09:25
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 11:11

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S

Job ID: 500-272609-1

Client Sample ID: MW-04

Lab Sample ID: 500-272609-10

Date Collected: 08/06/25 13:05
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		5	830411	RN	EET CHI	08/15/25 14:50
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 17:01
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 12:21
Total/NA	Analysis	300.0		5	830342	MM	EET CHI	08/16/25 21:07
Total/NA	Analysis	SM 2540C		1	829245	CLB	EET CHI	08/08/25 09:27
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 11:17

Client Sample ID: MW-07

Lab Sample ID: 500-272609-11

Date Collected: 08/06/25 14:15
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		5	830411	RN	EET CHI	08/15/25 14:46
Total Recoverable	Prep	3005A			829326	MS	EET CHI	08/08/25 14:18 - 08/08/25 20:18 [1]
Total Recoverable	Analysis	6020B		1	830024	RN	EET CHI	08/13/25 17:03
Total/NA	Prep	7470A			830087	MJG	EET CHI	08/14/25 10:40 - 08/14/25 12:40 [1]
Total/NA	Analysis	7470A		1	830308	MJG	EET CHI	08/15/25 12:23
Total/NA	Analysis	300.0		10	830342	MM	EET CHI	08/16/25 21:23
Total/NA	Analysis	SM 2540C		1	829245	CLB	EET CHI	08/08/25 09:30
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 11:21

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

Laboratory References:

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 09/10/25 10:10:31

JOB DESCRIPTION

Will County CCR 1N/1S (RAD)

JOB NUMBER

500-272609-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

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
09/10/25 10:10:31

Authorized for release by
Dirk Nelson, Project Management Assistant II
Dirk.Nelson@et.eurofinsus.com
Designee for
Diana Mockler, Project Manager I
Diana.Mockler@et.eurofinsus.com
(219)252-7570

Table of Contents

Job ID: 500-272609-2 — Eurofins Chicago

Job Narrative
500-272609-2

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

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

Receipt
The samples were received on 8/5/2025 4:22 PM and 8/6/2025 3:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 4.1°C, 4.5°C, 5.4°C, 5.5°C and 5.6°C.

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 731124
The LCS recovered at (132%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-731124/2-A)

Method 904.0: Radium-228 batch 731124
The detection goal was not met for the following sample due to the reduced sample volume in prep attributed to the presence of matrix interferences: 1N/1S Duplicate (500-272609-6). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 731124
The MDC for the following sample is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. MW-14 (500-272609-4)

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.

Method Summary

Client: Midwest Generation EME LLC
Job ID: 500-272609-2
Project/Site: Will County CCR 1N/1S (RAD)

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
Job ID: 500-272609-2
Project/Site: Will County CCR 1N/1S (RAD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272609-1	MW-08	Water	08/05/25 12:42	08/05/25 16:22	Illinois
500-272609-2	MW-09	Water	08/05/25 14:06	08/05/25 16:22	Illinois
500-272609-3	MW-13	Water	08/04/25 11:54	08/05/25 16:22	Illinois
500-272609-4	MW-14	Water	08/04/25 13:16	08/05/25 16:22	Illinois
500-272609-5	MW-15	Water	08/04/25 14:31	08/05/25 16:22	Illinois
500-272609-6	1N/1S Duplicate	Water	08/04/25 00:00	08/05/25 16:22	Illinois
500-272609-7	MW-01	Water	08/06/25 09:03	08/06/25 15:35	Illinois
500-272609-8	MW-02	Water	08/06/25 10:00	08/06/25 15:35	Illinois
500-272609-9	MW-03	Water	08/06/25 11:25	08/06/25 15:35	Illinois
500-272609-10	MW-04	Water	08/06/25 13:05	08/06/25 15:35	Illinois
500-272609-11	MW-07	Water	08/06/25 14:15	08/06/25 15:35	Illinois

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-08

Date Collected: 08/05/25 12:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.176	U	0.192	0.193	1.00	0.307	pCi/L	08/08/25 08:14	09/08/25 17:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:33*	*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	0.423	U	0.376	0.378	1.00	0.593	pCi/L	08/08/25 08:23	09/08/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:52*	*1*
Y Carrier	*74.0*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:52*	*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	**0.599**		0.422	0.424	5.00	0.593	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-09
Date Collected: 08/05/25 14:06
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-2
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0864	U	0.179	0.179	1.00	0.326	pCi/L	08/08/25 08:14	09/08/25 17:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.4*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:33*	*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	-0.00554	U	0.407	0.407	1.00	0.754	pCi/L	08/08/25 08:23	09/08/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.4*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*
Y Carrier	*71.4*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0809	U	0.445	0.445	5.00	0.754	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-13
Date Collected: 08/04/25 11:54
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-3
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.156	U	0.249	0.250	1.00	0.429	pCi/L	08/08/25 08:14	09/08/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:34*	*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	0.280	U	0.350	0.351	1.00	0.581	pCi/L	08/08/25 08:23	09/08/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*
Y Carrier	*72.9*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.436	U	0.430	0.431	5.00	0.581	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-14
Date Collected: 08/04/25 13:16
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-4
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.350		0.246	0.248	1.00	0.345	pCi/L	08/08/25 08:14	09/08/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:34*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.34	G	0.716	0.727	1.00	1.04	pCi/L	08/08/25 08:23	09/08/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*
Y Carrier	*55.7*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.69		0.757	0.768	5.00	1.04	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-15
Date Collected: 08/04/25 14:31
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.116	U	0.217	0.218	1.00	0.385	pCi/L	08/08/25 08:14	09/08/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:34*	*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	**1.03**		0.633	0.640	1.00	0.932	pCi/L	08/08/25 08:23	09/08/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*
Y Carrier	*55.7*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.14**		0.669	0.676	5.00	0.932	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: 1N/1S Duplicate

Date Collected: 08/04/25 00:00
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-6

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.330	U	0.466	0.467	1.00	0.790	pCi/L	08/08/25 08:14	09/08/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*08/08/25 08:14*	*09/08/25 17:34*	*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	0.942	U G	0.990	0.994	1.00	1.60	pCi/L	08/08/25 08:23	09/08/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:52*	*1*
Y Carrier	*54.6*		*30 - 110*	*08/08/25 08:23*	*09/08/25 11:52*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.27	U	1.09	1.10	5.00	1.60	pCi/L		09/09/25 11:30	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-01
Date Collected: 08/06/25 09:03
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-7
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.428		0.260	0.263	1.00	0.346	pCi/L	08/12/25 08:01	09/09/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/12/25 08:01*	*09/09/25 15:06*	*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	0.783		0.397	0.403	1.00	0.556	pCi/L	08/12/25 08:08	09/09/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*
Y Carrier	*83.7*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.21		0.475	0.481	5.00	0.556	pCi/L		09/09/25 16:09	1

Client Sample ID: MW-02
Date Collected: 08/06/25 10:00
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-8
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.124	U	0.263	0.263	1.00	0.467	pCi/L	08/12/25 08:01	09/09/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*08/12/25 08:01*	*09/09/25 15:06*	*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	**0.665**		0.405	0.410	1.00	0.588	pCi/L	08/12/25 08:08	09/09/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*
Y Carrier	*77.4*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*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	**0.788**		0.483	0.487	5.00	0.588	pCi/L		09/09/25 16:09	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-03
Date Collected: 08/06/25 11:25
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138	U	0.263	0.264	1.00	0.465	pCi/L	08/12/25 08:01	09/09/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.4*		*30 - 110*	*08/12/25 08:01*	*09/09/25 15:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.29**		0.547	0.560	1.00	0.707	pCi/L	08/12/25 08:08	09/09/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.4*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*
Y Carrier	*71.8*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.43**		0.607	0.619	5.00	0.707	pCi/L		09/10/25 09:14	1

Client: Midwest Generation EME LLC
Job ID: 500-272609-2
Project/Site: Will County CCR 1N/1S (RAD)

Client Sample ID: MW-04
Lab Sample ID: 500-272609-10
Date Collected: 08/06/25 13:05
Matrix: Water
Date Received: 08/06/25 15:35

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	0.0892	U	0.218	0.218	1.00	0.396	pCi/L	08/12/25 08:01	09/09/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*08/12/25 08:01*	*09/09/25 15:06*	*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	**0.703**		0.403	0.408	1.00	0.578	pCi/L	08/12/25 08:08	09/09/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:00*	*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	**0.792**		0.458	0.463	5.00	0.578	pCi/L		09/10/25 09:14	1

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-07

Date Collected: 08/06/25 14:15
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-11

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.223	U	0.246	0.246	1.00	0.398	pCi/L	08/12/25 08:01	09/09/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*30 - 110*	*08/12/25 08:01*	*09/09/25 15:06*	*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	0.161	U	0.309	0.309	1.00	0.534	pCi/L	08/12/25 08:08	09/09/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.5*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:09*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/12/25 08:08*	*09/09/25 12:09*	*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	0.384	U	0.395	0.395	5.00	0.534	pCi/L		09/10/25 09:14	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Job ID: 500-272609-2
Project/Site: Will County CCR 1N/1S (RAD)

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Rad

Prep Batch: 731121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	PrecSep-21	
500-272609-2	MW-09	Total/NA	Water	PrecSep-21	
500-272609-3	MW-13	Total/NA	Water	PrecSep-21	
500-272609-4	MW-14	Total/NA	Water	PrecSep-21	
500-272609-5	MW-15	Total/NA	Water	PrecSep-21	
500-272609-6	1N/1S Duplicate	Total/NA	Water	PrecSep-21	
MB 160-731121/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-731121/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-272609-4 DU	MW-14	Total/NA	Water	PrecSep-21	

Prep Batch: 731124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-1	MW-08	Total/NA	Water	PrecSep_0	
500-272609-2	MW-09	Total/NA	Water	PrecSep_0	
500-272609-3	MW-13	Total/NA	Water	PrecSep_0	
500-272609-4	MW-14	Total/NA	Water	PrecSep_0	
500-272609-5	MW-15	Total/NA	Water	PrecSep_0	
500-272609-6	1N/1S Duplicate	Total/NA	Water	PrecSep_0	
MB 160-731124/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-731124/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-272609-4 DU	MW-14	Total/NA	Water	PrecSep_0	

Prep Batch: 731513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-7	MW-01	Total/NA	Water	PrecSep-21	
500-272609-8	MW-02	Total/NA	Water	PrecSep-21	
500-272609-9	MW-03	Total/NA	Water	PrecSep-21	
500-272609-10	MW-04	Total/NA	Water	PrecSep-21	
500-272609-11	MW-07	Total/NA	Water	PrecSep-21	
MB 160-731513/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-731513/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 731514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272609-7	MW-01	Total/NA	Water	PrecSep_0	
500-272609-8	MW-02	Total/NA	Water	PrecSep_0	
500-272609-9	MW-03	Total/NA	Water	PrecSep_0	
500-272609-10	MW-04	Total/NA	Water	PrecSep_0	
500-272609-11	MW-07	Total/NA	Water	PrecSep_0	
MB 160-731514/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-731514/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-731121/1-A
Matrix: Water
Analysis Batch: 735047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731121

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1797	U	0.217	0.218	1.00	0.357	pCi/L	08/08/25 08:14	09/08/25 15:40	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110	08/08/25 08:14	09/08/25 15:40	1

Lab Sample ID: LCS 160-731121/2-A
Matrix: Water
Analysis Batch: 735047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731121

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.11		1.35	1.00	0.388	pCi/L	106	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.6		30 - 110

Lab Sample ID: 500-272609-4 DU
Matrix: Water
Analysis Batch: 735046

Client Sample ID: MW-14
Prep Type: Total/NA
Prep Batch: 731121

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.350			0.4599		0.322	1.00	0.458	pCi/L			0.19	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	79.4		30 - 110

Lab Sample ID: MB 160-731513/1-A
Matrix: Water
Analysis Batch: 735313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731513

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.06997	U	0.200	0.200	1.00	0.371	pCi/L	08/12/25 08:01	09/09/25 14:56	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110	08/12/25 08:01	09/09/25 14:56	1

Lab Sample ID: LCS 160-731513/2-A
Matrix: Water
Analysis Batch: 735313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731513

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.435		1.27	1.00	0.368	pCi/L	99	75 - 125		

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

Lab Sample ID: LCS 160-731513/2-A
Matrix: Water
Analysis Batch: 735313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731513

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-731124/1-A
Matrix: Water
Analysis Batch: 735046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731124

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2975	U	0.388	0.389	1.00	0.646	pCi/L	08/08/25 08:23	09/08/25 11:54	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110	08/08/25 08:23	09/08/25 11:54	1
Y Carrier	69.5		30 - 110	08/08/25 08:23	09/08/25 11:54	1

Lab Sample ID: LCS 160-731124/2-A
Matrix: Water
Analysis Batch: 735046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731124

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.09	11.98		1.62	1.00	0.681	pCi/L	132	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.6		30 - 110
Y Carrier	72.1		30 - 110

Lab Sample ID: 500-272609-4 DU
Matrix: Water
Analysis Batch: 735046

Client Sample ID: MW-14
Prep Type: Total/NA
Prep Batch: 731124

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.34	G		1.100		0.594	1.00	0.819	pCi/L			0.18	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	79.4		30 - 110
Y Carrier	59.1		30 - 110

Lab Sample ID: MB 160-731514/1-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731514

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3123	U	0.351	0.352	1.00	0.575	pCi/L	08/12/25 08:08	09/09/25 11:57	1

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

Lab Sample ID: MB 160-731514/1-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731514

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110	08/12/25 08:08	09/09/25 11:57	1
Y Carrier	83.4		30 - 110	08/12/25 08:08	09/09/25 11:57	1

Lab Sample ID: LCS 160-731514/2-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731514

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.09	10.94		1.46	1.00	0.637	pCi/L	120	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.1		30 - 110
Y Carrier	80.0		30 - 110

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

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWIESON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-138948-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-272609
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested			Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4502187743			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring	Project #: 50011609			Other:
Site: Illinois	SSOW#:			

500-272609 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water						1	
MW-02	—	—	—	Water						1	
MW-03	—	—	—	Water						1	
MW-04	—	—	—	Water						1	
MW-07	—	—	—	Water						1	
MW-08	8-5-25	12:42	G	Water	N	N	X	X	X	5	
MW-09	8-5-25	14:06	G	Water	N	N	X	X	X	5	
MW-13	8-4-25	11:54	G	Water	N	N	X	X	X	5	
MW-14	8-4-25	13:16	G	Water	N	N	X	X	X	5	
MW-15	8-4-25	14:31	G	Water	N	N	X	X	X	5	
1N/1S Duplicate	8-4-25	—	G	Water	N	N	X	X	X	5	

1 2 3 4 5 6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	8-5-25 16:22	KPRG		8/5/25	FEDEX 1622
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks	
		5.6 + 5.4, 5.8 - 75, 5.7 - 75.5	

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWICZOON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-138948-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID	Analysis Requested		Job #: 500-272609
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested			Preservation Codes: D HNO3; N None
City: Brookfield	TAT Requested (days)			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone	PO #: 4502187743			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring	Project #: 50011609			Other:
Site: Illinois	SSOW#:			

500-272609 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code				D	D	N		
7 MW-01	8-6-25	09:03	G	Water	N	N	X	X	X	5	
8 MW-02	8-6-25	10:00	G	Water	N	N	X	X	X	5	
9 MW-03	8-6-25	11:25	G	Water	N	N	X	X	X	5	
10 MW-04	8-6-25	13:05	G	Water	N	N	X	X	X	5	
11 MW-07	8-6-25	14:15	G	Water	N	W	X	X	X	5	
MW-08	—	—	—	Water							
MW-09	—	—	—	Water							
MW-13	—	—	—	Water							
MW-14	—	—	—	Water							
MW-15	—	—	—	Water							
1N/1S Duplicate	—	—	—	Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

Relinquished by	Date/Time:	Company	Received by:	Date/Time	Company
	8-6-25 15:35	AMEC		08/06/25 1535	EETA
Relinquished by	Date/Time:	Company	Received by:	Date/Time.	Company
Relinquished by	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		4.3→4.1, 4.7→4.5 4 bottles

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-209967.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-272609-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/9/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Will County CCR (RAD)	Project #: 50011609			
Site: NRG Midwest Generation Will County	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-08 (500-272609-1)	8/5/25	12:42 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-09 (500-272609-2)	8/5/25	14:06 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-13 (500-272609-3)	8/4/25	11:54 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-14 (500-272609-4)	8/4/25	13:16 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-15 (500-272609-5)	8/4/25	14:31 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
1N/1S Duplicate (500-272609-6)	8/4/25	Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

Analysis Requested

Preservation Codes: -

Other: N/A

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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 08/06/25 1500	Company: EEA	Received by: Sierra Woodrington
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: AUG 07 2025 0825	Company: EMSL
Date/Time:	Company
Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-210047.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-272609-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/25/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Will County CCR 1N/1S (RAD)	Project #: 50011609			
Site: NRG Midwest Generation Will County	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-01 (500-272609-7)	8/6/25	09:03 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-02 (500-272609-8)	8/6/25	10:00 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-03 (500-272609-9)	8/6/25	11:25 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-04 (500-272609-10)	8/6/25	13:05 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-07 (500-272609-11)	8/6/25	14:15 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/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*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Chris Scott	8/7/25 1630		M. Pinette	AUG 08 2025 0820	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Meadow Pinette		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272609-2

Login Number: 272609

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	5.4,5.6,5.5,4.1,4.5
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: 500-272609-2

Login Number: 272609
List Number: 2
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 08/07/25 11:43 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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: 500-272609-2

Login Number: 272609
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/08/25 11:46 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.

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-08

Date Collected: 08/05/25 12:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:33
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735036	SWS	EET SL	09/08/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Client Sample ID: MW-09

Date Collected: 08/05/25 14:06
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:33
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735046	FLC	EET SL	09/08/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Client Sample ID: MW-13

Date Collected: 08/04/25 11:54
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:34
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735046	FLC	EET SL	09/08/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Client Sample ID: MW-14

Date Collected: 08/04/25 13:16
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272609-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:34
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735046	FLC	EET SL	09/08/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-15

Lab Sample ID: 500-272609-5

Date Collected: 08/04/25 14:31
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:34
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735046	FLC	EET SL	09/08/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Client Sample ID: 1N/1S Duplicate

Lab Sample ID: 500-272609-6

Date Collected: 08/04/25 00:00
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731121	JTR	EET SL	08/08/25 08:14
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 17:34
Total/NA	Prep	PrecSep_0			731124	JTR	EET SL	08/08/25 08:23
Total/NA	Analysis	904.0		1	735036	SWS	EET SL	09/08/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	735307	SCB	EET SL	09/09/25 11:30

Client Sample ID: MW-01

Lab Sample ID: 500-272609-7

Date Collected: 08/06/25 09:03
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731513	JTR	EET SL	08/12/25 08:01
Total/NA	Analysis	903.0		1	735312	FLC	EET SL	09/09/25 15:06
Total/NA	Prep	PrecSep_0			731514	JTR	EET SL	08/12/25 08:08
Total/NA	Analysis	904.0		1	735288	SWS	EET SL	09/09/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	735339	SCB	EET SL	09/09/25 16:09

Client Sample ID: MW-02

Lab Sample ID: 500-272609-8

Date Collected: 08/06/25 10:00
Matrix: Water
Date Received: 08/06/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731513	JTR	EET SL	08/12/25 08:01
Total/NA	Analysis	903.0		1	735312	FLC	EET SL	09/09/25 15:06
Total/NA	Prep	PrecSep_0			731514	JTR	EET SL	08/12/25 08:08
Total/NA	Analysis	904.0		1	735288	SWS	EET SL	09/09/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	735339	SCB	EET SL	09/09/25 16:09

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 1N/1S (RAD)

Job ID: 500-272609-2

Client Sample ID: MW-03

Date Collected: 08/06/25 11:25
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731513	JTR	EET SL	08/12/25 08:01
Total/NA	Analysis	903.0		1	735312	FLC	EET SL	09/09/25 15:06
Total/NA	Prep	PrecSep_0			731514	JTR	EET SL	08/12/25 08:08
Total/NA	Analysis	904.0		1	735288	SWS	EET SL	09/09/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	735339	SCB	EET SL	09/10/25 09:14

Client Sample ID: MW-04

Date Collected: 08/06/25 13:05
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731513	JTR	EET SL	08/12/25 08:01
Total/NA	Analysis	903.0		1	735312	FLC	EET SL	09/09/25 15:06
Total/NA	Prep	PrecSep_0			731514	JTR	EET SL	08/12/25 08:08
Total/NA	Analysis	904.0		1	735288	SWS	EET SL	09/09/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	735339	SCB	EET SL	09/10/25 09:14

Client Sample ID: MW-07

Date Collected: 08/06/25 14:15
Date Received: 08/06/25 15:35

Lab Sample ID: 500-272609-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731513	JTR	EET SL	08/12/25 08:01
Total/NA	Analysis	903.0		1	735312	FLC	EET SL	09/09/25 15:06
Total/NA	Prep	PrecSep_0			731514	JTR	EET SL	08/12/25 08:08
Total/NA	Analysis	904.0		1	735312	FLC	EET SL	09/09/25 12:09
Total/NA	Analysis	Ra226_Ra228		1	735339	SCB	EET SL	09/10/25 09:14

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
Job ID: 500-272609-2
Project/Site: Will County CCR 1N/1S (RAD)

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
500-272609-1	MW-08	91.6
500-272609-2	MW-09	83.4
500-272609-3	MW-13	91.3
500-272609-4	MW-14	83.6
500-272609-4 DU	MW-14	79.4
500-272609-5	MW-15	79.4
500-272609-6	1N/1S Duplicate	80.1
500-272609-7	MW-01	92.3
500-272609-8	MW-02	85.6
500-272609-9	MW-03	75.4
500-272609-10	MW-04	90.1
500-272609-11	MW-07	96.5
LCS 160-731121/2-A	Lab Control Sample	85.6
LCS 160-731513/2-A	Lab Control Sample	93.1
MB 160-731121/1-A	Method Blank	91.6
MB 160-731513/1-A	Method Blank	88.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
500-272609-1	MW-08	91.6	74.0
500-272609-2	MW-09	83.4	71.4
500-272609-3	MW-13	91.3	72.9
500-272609-4	MW-14	83.6	55.7
500-272609-4 DU	MW-14	79.4	59.1
500-272609-5	MW-15	79.4	55.7
500-272609-6	1N/1S Duplicate	80.1	54.6
500-272609-7	MW-01	92.3	83.7
500-272609-8	MW-02	85.6	77.4
500-272609-9	MW-03	75.4	71.8
500-272609-10	MW-04	90.1	77.8
500-272609-11	MW-07	96.5	82.2
LCS 160-731124/2-A	Lab Control Sample	85.6	72.1
LCS 160-731514/2-A	Lab Control Sample	93.1	80.0
MB 160-731124/1-A	Method Blank	91.6	69.5
MB 160-731514/1-A	Method Blank	88.6	83.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-25
Sample Name	MW-01	Start Time	08:48	
Condition of Well	Good			
Water Level	10.30	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE SLIGHT ODOR TURB	
Volume Removed	1.5 QTS	W L at Sample Time	10.33	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA - FILTERED.	
Sample Analysis	CCA + ECR	Sample Time	09:03	
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)
08:51	10.33	6.89	14.4	1.681	3.20	-63.3	12.63
08:54	10.32	6.82	15.0	1.685	2.01	-56.7	17.20
08:57	10.31	6.79	15.1	1.699	1.45	-53.4	13.22
09:00	10.32	6.79	15.1	1.705	1.39	-51.9	12.57.
09:03	10.33	6.79	15.0	1.704	1.32	-50.6	10.70
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-25
Sample Name	MW-02	Start Time	09:48	
Condition of Well	GOOD			
Water Level	11.53	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	1.75 QTS	W L at Sample Time	11.53	
Method of Sample	Low-Flow	Sample Characteristics	~~AMBIENT~~ CLEAR CCA - FILTERED	
Sample Analysis	CCA + CCR	Sample Time	10:00	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
09:51	11.53	7.65	15.4	1.495	3.93	-105.9	1.61
09:54	11.52	7.65	16.5	1.475	2.92	-125.2	1.71
09:57	11.53	7.67	15.1	1.487	1.53	-138.3	2.06
10:00	11.53	7.67	14.9	1.480	1.55	-137.2	2.30
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-25
Sample Name	MW-03	Start Time	11:10	
Condition of Well	Good			
Water Level	11.46	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.75 Qts.	W L at Sample Time	11.57	
Method of Sample	Low-Flow	Sample Characteristics	ARGARS CLEAR CCA - FILTERED.	
Sample Analysis	CCA + CCR	Sample Time	11:25	
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)
11:13	11.54	6.79	18.7	1.432	5.80	57.9	1.35
11:16	11.58	6.69	16.7	1.480	6.01	76.6	1.05
11:19	11.56	6.63	16.2	1.503	4.50	86.2	1.13
11:22	11.58	6.60	16.2	1.508	3.71	91.3	1.27
11:25	11.57	6.60	16.2	1.508	3.59	92.2	1.45
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-25
Sample Name	MW-04	Start Time	12:50	
Condition of Well	GOOD			
Water Level	11.35	Total Depth	———	
Well Diameter	PVC – 2 inch	Volume in Well	———	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.0 QTS	W L at Sample Time	11.42	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA - FILTERED.	
Sample Analysis	CCA + CCR	Sample Time	13:05	
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)
12:53	11.39	6.65	17.4	2.175	5.69	62.7	10.29
12:56	11.40	6.54	16.7	2.145	4.04	77.3	9.66
12:59	11.42	6.53	16.5	2.116	3.02	85.2	9.36
13:02	11.42	6.52	16.1	2.107	2.66	86.7	7.44
13:05	11.42	6.52	16.1	2.106	2.58	86.8	7.94
———							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-25
Sample Name	MW-07	Start Time	13:57	
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	COLORLESS TRACE SLIGHT ODOR TURB	
Volume Removed	2.0 QTS	W L at Sample Time	11.28	
Method of Sample	Low-Flow	Sample Characteristics	APPEAR CLEAR TRACE CCA-FILTERED TURB	
Sample Analysis	CCA + CCR	Sample Time	14:15	
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)
14:00	11.26	7.2	15.3	2.451	4.53	10.1	22.20
14:03	11.37	6.55	16.9	2.450	3.67	37.1	25.67
14:06	11.32	6.54	16.4	2.451	2.91	52.9	21.11
14:09	11.29	6.53	18.1	2.408	2.53	61.0	22.23
14:12	11.28	6.51	20.3	2.428	2.44	68.5	24.09
14:15	11.28	6.50	20.8	2.432	2.42	69.3	24.67
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-25
Sample Name	MW-08	Start Time	12:24	
Condition of Well	GOOD			
Water Level	11.62	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE ODORLESS TURB	
Volume Removed	2.0 GAL,	W L at Sample Time	11.75	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR TRACE CCR FILTERED TURB	
Sample Analysis	CCA + CCR	Sample Time	12:42	
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)
12:27	11.75	6.70	14.5	1.730	4.37	27.2	45.47
12:30	11.78	6.68	15.8	1.730	3.79	38.4	46.89
12:33	11.80	6.65	17.4	1.740	2.58	44.8	52.35
12:36	11.78	6.64	17.2	1.749	2.30	47.5	52.56
12:39	11.77	6.64	17.3	1.749	2.06	49.2	53.20
12:42	11.75	6.63	17.4	1.746	1.98	49.8	53.78
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-25
Sample Name	MW-09	Start Time	13:54	
Condition of Well	GOOD			
Water Level	11.93	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	12.14	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + CCR + CCR (IN/IS 25/35)	Sample Time	14:06	
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)
13:57	12.13	8.66	15.7	1.359	4.29	-119.7	10.39
14:00	12.16	8.72	15.9	1.350	3.54	-131.4	11.96
14:03	12.18	8.76	15.7	1.351	3.09	-131.9	13.64.
14:06	12.14	8.77	15.5	1.351	3.06	-132.4	13.94
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-4-25
Sample Name	MW-13	Start Time	11:42	
Condition of Well	Good			
Water Level	10.98	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.25 QTS	W L at Sample Time	11:21	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR → TRACE TURB	
Sample Analysis	CCR IN/IS + IN/IS DUP.	Sample Time	11:54	
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)
11:45	11.03	7.02	16.3	1.598	7.02	202.9	17.64
11:48	11.11	7.01	15.5	1.599	4.33	209.2	17.94
11:51	11.14	7.00	15.6	1.591	3.21	209.7	16.98
11:54	11.21	6.99	15.7	1.580	3.08	209.5	16.01
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-4-25
Sample Name	MW-15	Start Time	14:13	
Condition of Well	GOOD			
Water Level	10.17	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS / MOD TURB	
Volume Removed	2.5 QTS	W L at Sample Time	10.53	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR → TAN TINT TRACE TURB	
Sample Analysis	CCR IN/IS	Sample Time	14:31	
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)
14:16	10.33	6.91	14.7	2.579	4.58	-68.8	122.6
14:19	10.46	6.88	15.2	2.360	2.31	-90.4	111.59
14:22	10.53	6.89	15.9	2.170	1.34	-104.2	82.53
14:25	10.51	6.89	17.6	2.133	1.25	-108.2	79.21
14:28	10.53	6.88	17.5	2.119	1.10	-111.8	55.03
14:31	10.53	6.88	17.0	2.108	1.03	-112.9	47.84
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates