DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 2 S (BOL Log No. 2021-514)
Pond 3 S (BOL Log No. 2021-515)

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 submitted October 31, 2021. Upon Illinois EPA approval of the Operating Permit and Proposed Groundwater Protection Standards, the approved comparison values will be included on the tables for subsequent data comparisons/evaluations.

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-05 upgradient	11/11/2015	6.1	220	110	0.31	7.24	770	1900	< 0.0030	0.0014	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0750	-0.168	0.031	< 0.0020	NA
	2/18/2016	4.4	230	120	0.31	6.99	730	1600	< 0.0030	0.0021	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.079	0.468	0.019	< 0.0020	NA
	5/26/2016	3.7	170	110	0.33	6.73	670	1500	< 0.0030	0.0023	0.055	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.077	< 0.402	0.019	< 0.0020	NA
	8/10/2016	3.6	67	120	0.72	8.62	480	970	< 0.0030	0.0044	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	F1 < 0.00020	0.14	< 0.394	0.0049	< 0.0020	NA
	10/26/2016	3.6	44	120	0.70	9.08	410	920	< 0.0030	0.0047	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.12	0.592	< 0.0025	< 0.0020	NA
	2/1/2017	4.6	250	48	0.35	6.81	530	1600	< 0.0030	0.0015	0.058	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	^ < 0.00020	0.048	< 0.424	0.029	< 0.0020	NA
	5/11/2017	4.0	140	85	0.31	7.86	610	1200	< 0.0030	0.0035	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.093	< 0.388	< 0.0025	< 0.0020	NA
	6/27/2017	3.8	83	99	0.53	7.95	500	1000	< 0.0030	0.0037	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.11	0.412	< 0.0025	< 0.0020	NA
	9/8/2017	4.8	89	78	0.52	9.40	490	1000	< 0.0030	0.0038	V 0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.095	0.486	0.0047	< 0.0020	NA
	11/16/2017	4.8	180	52	0.45	6.70	650	1500	< 0.0030	0.0028	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.064	< 0.379	0.012	< 0.0020	NA
	5/2/2018	3.6	200	32	0.39	7.23	510	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	4.9	150	55	0.48	7.07	430	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	4.1	61	91	0.59	9.10	380	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	4.9	170	31	0.41	6.95	440	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/2020	4.5	52	70	0.59	7.39	300	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/4/2020	5.0	130	29	0.38	7.06	410	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	4.7	120	28	0.53	7.07	430	1000	< 0.0030	0.0011	0.046	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.063	< 0.492	0.042	< 0.0020	3.78
	8/24/2021	4.6	33	45	0.74	9.42	410	580	< 0.0030	0.0054	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.091	1.230	< 0.0025	< 0.0020	3.50
	11/23/2021	5.5	140	22	0.44	6.80	370	1100	< 0.0030	0.0035	0.066	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.066	0.784	0.012	< 0.0020	4.45
	2/24/2022	4.9	210	25	0.39	6.73	660	1400	< 0.0030	0.0092	0.077	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.059	< 0.415	0.048	< 0.0020	0.37
	6/16/2022	5.1	120	41	0.34	7.05	510	1100	< 0.0030	0.0037	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.064	< 0.471	0.0080	< 0.0020	1.76
	8/25/2022	6.6	130	20	0.40	6.69	300	940	< 0.0030	0.0043	0.072	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.061	< 0.570	0.0056	< 0.0020	2.99
	11/15/2022	8.9	150	9.8	0.72	6.78	310	930	< 0.0030	0.032	0.099	^+ < 0.0010	0.0040	0.0083	< 0.0010	< 0.00050	0.020	< 0.00020	0.10	< 0.569	0.089	< 0.0020	38.90
	2/23/2023	6.3	120	26	0.43	6.83	430	1100	< 0.0030	0.0018	0.058	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	0.00027	0.067	< 0.655	0.021	< 0.0020	2.18
	4/26/2023	4.9	210	33	0.47	6.73	670	1600	< 0.0030	0.0022	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.055	< 0.479	0.039	< 0.0020	1.60
	7/26/2023	4.8	180	18	0.50	6.91	440	1200	< 0.0030	0.0014	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.053	0.823	0.070	< 0.0020	7.10
	10/24/2023	6.8	140	8.6	0.52	6.68	210	850	< 0.0030	0.0014	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.071	< 0.967	0.077	< 0.0020	0.80
	12/7/2023 R	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/7/2024	4.8	260	38	0.32	6.62	800	1900	^1+ < 0.030	0.0018	0.060	^1+ < 0.010	^+ < 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	0.017	< 0.00020	0.046	< 0.655	0.055	^+ < 0.0020	0.82
	5/8/2024	5.3	83	34	0.65	7.36	450	930	< 0.030	0.0020	0.033	< 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.079	< 0.655	0.0054	< 0.0020	6.47
	8/6/2024	5.2	120	31	0.52	6.72	420	1000	< 0.0030	0.0015	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.054	< 0.608	0.0049	< 0.0020	0.31
	11/5/2024	5.8	110	30	0.58	7.46	410	1000	< 0.0030	0.0020	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.067	< 0.559	< 0.0025	< 0.0020	1.32
	2/5/2025 ^5-	4.3	97	17	0.46	7.16	290	760	< 0.0030	0.0011	0.039	^5- ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.012	< 0.00020	0.056	< 0.507	0.016	< 0.0020	52.96
	5/7/2025	4.1	300	45	0.47	6.87	830	1800	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.043	0.610	0.060	< 0.0020	2.02
	8/5/2025	4.0	160	19	0.67	6.65	310	980	< 0.0030	0.0011	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.039	1.21	0.046	< 0.0020	1.16
MW-06 upgradient	11/10/2015	3.0	52	100	0.55	8.63	300	660	< 0.0030	0.0016	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.067	-0.383	0.0039	< 0.0020	NA
	2/18/2016	2.5	74	150	0.47	8.58	280	650	< 0.0030	0.0014	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.063	0.412	< 0.0025	< 0.0020	NA
	5/26/2016	2.7	86	92	0.44	7.79	350	800	< 0.0030	0.0020	0.068	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.042	< 0.422	< 0.0025	< 0.0020	NA
	8/11/2016	3.6	110	58	0.35	7.74	330	840	< 0.0030	0.0029	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.038	< 0.339	< 0.0025	< 0.0020	NA
	10/26/2016	3.8	86	74	0.40	8.16	220	800	< 0.0030	0.0030	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.043	< 0.531	< 0.0025	< 0.0020	NA
	2/1/2017	3.4	70	83	0.41	7.88	260	700	< 0.0030	0.0043	0.068	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	^ < 0.00020	0.050	< 0.511	0.0035	< 0.0020	NA
	5/11/2017	3.0	75	84	0.28	8.68	330	570	< 0.0030	0.0020	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00054	0.011	< 0.00020	0.054	< 0.388	< 0.0025	< 0.0020	NA
	6/27/2017	3.1	65	74	0.38	8.15	330	710	< 0.0030	0.0014	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.046	0.408	< 0.0025	< 0.0020	NA
	9/7/2017	3.5	75	67	0.40	8.20	300	740	< 0.0030	0.0025	0.077	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.044	0.397	< 0.0025	< 0.0020	NA
	11/16/2017	3.9	88	54	0.39	7.59	280	810	< 0.0030	0.0028	0.077	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.038	0.491	0.012	< 0.0020	NA
	5/3/2018	3.0	91	52	0.26	6.91	530	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2018 R	NA	NA	NA	NA	7.47	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	3.5	93	44	0.31	7.83	240	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	4.3	120	38	0.21	7.51	350	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	3.2	NA	NA	NA	8.28	NA	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	4.2	98	31	0.33	7.91	210	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/2020	3.4	98	56	0.31	7.47	180	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	3.3	100	43	0.36	7.29	170	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	2.6	99	46	0.33	7.65	160	610	< 0.0030	0.0025	0.080	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.017	0.576	< 0.0025	< 0.0020	5.18
	8/24/2021	2.9	100	100	0.35	7.09	170	370	< 0.0030	0.0029	0.093	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.018	< 0.468	< 0.0025	< 0.0020	7.00
	11/23/2021	2.6	85	43	0.37	7.48	150	720	< 0.0030	0.0020	0.070	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.017	1.02	< 0.0025	< 0.0020	6.38
	2/22/2022	2.8	130	35	0.33	7.29	260	940	< 0.0030	0.0019	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.033	0.551	0.050	< 0.0020	0.47
	6/14/2022	2.5	110	22	0.35	7.06	210	610	< 0.0030	0.0018	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.018	1.22	< 0.0025	< 0.0020	3.87
	8/25/2022	2.7	110	20	0.42	7.31	170	750	< 0.0030	0.0023	0.088	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.021	< 0.519	< 0.0025	< 0.0020	2.60
	11/15/2022	3.2	110	19	0.47	7.41	160	600	< 0.0030	0.0017	0.083	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.021	1.08	< 0.0025	< 0.0020	8.12
	2/23/2023	3	110	17	0.35	7.54	190	680	< 0.0030	0.0023	0.086	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.023	0.948	0.022	< 0.0020	10.08
	4/26/2023	2.0	100	15	0.36	7.42	150	610	< 0.0030	0.0023	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.019	< 0.422	< 0.0025	< 0.0020	47.60
	7/26/2023	2.5	110	16	0.42	7.60	170	610	< 0.0030	0.0022	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.022	< 0.653	< 0.0025	< 0.0020	3.70
	10/24/2023	2.5	100	13	0.40	7.34	140	580	< 0.0030	0.0025	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.021	< 0.482	< 0.0025	< 0.0020	0.80
	2/7/2024	2.5	96	12	0.39	7.39	150	570	^1+ < 0.0300	0.0017	0.077	^1+ < 0.0100	^+ < 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	0.015	< 0.00020	0.021	< 0.483	^+ < 0.0025	^+ < 0.0020	5.24
	5/8/2024	2.3	110	13	0.37	7.66	180	630	< 0.0030	0.0013	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.021	< 0.600	0.0065	< 0.0020	13.11
	8/6/2024	2.3	110	15	0.38	7.34	180	580	< 0.0030	0.0025	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.020	0.587	< 0.0025	< 0.0020	1.49
	11/5/2024	2.8	120	11	0.42	7.61	160	720	< 0.0030	0.0019	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.020	< 0.355	< 0.0025	< 0.0020	2.79
	2/5/2025 ^5-	2.2	110	12	0.32	7.49	170	710	< 0.0030	0.0013	0.085	^5- ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.014	< 0.00020	0.024	< 0.577	0.027	< 0.0020	48.71
	5/7/2025	2.0	110	11	0.38	7.55	140	610	< 0.0030	0.0012	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.024	< 0.104	< 0.0025	< 0.0020	26.14
	8/5/2025	2.4	110	11	0.53	7.26	160	660	< 0.0030	0.0012	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.026	< 0.194	< 0.0025	< 0.0020	4.39

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units)

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

NA - Not analyzed. No confirmation resample required.

R - Resample

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

V - Serial Dilution exceeds the control limits

^ - Instrument related QC is outside acceptance limits.

* - LCS or LCSD is outside acceptance limits.

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

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

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-09 downgradient	11/11/2015	1.9	56	190	0.55	9.12	460	750	< 0.0030	0.0047	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.14	-0.2208	< 0.0025	< 0.0020	NA
	2/17/2016	1.8	47	160	0.55	9.10	250	600	< 0.0030	0.0051	0.027	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00065	< 0.010	< 0.00020	0.089	< 0.373	< 0.0025	< 0.0020	NA
	5/24/2016	1.6	48	180	0.51	8.79	240	640	< 0.0030	0.0043	0.027	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00071	< 0.010	< 0.00020	0.079	0.508	< 0.0025	< 0.0020	NA
	8/9/2016	2.2	53	140	0.48	8.35	280	750	< 0.0030	0.0052	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.14	0.639	< 0.0025	< 0.0020	NA
	10/26/2016	2.2	33	130	0.81	9.16	230	660	< 0.0030	0.0069	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.11	0.608	< 0.0025	< 0.0020	NA
	1/31/2017	2.0	61	250	0.57	8.59	180	710	< 0.0030	0.0063	0.038	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0014	< 0.010	^ < 0.00020	0.090	< 0.450	< 0.0025	< 0.0020	NA
	5/9/2017	1.8	66	340	0.38	8.58	250	900	< 0.0030	0.0052	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00054	< 0.010	< 0.00020	0.093	< 0.361	< 0.0025	< 0.0020	NA
	6/27/2017	1.9	64	330	0.51	7.76	240	940	< 0.0030	0.0046	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	8.1	290	910	< 0.0030	0.0017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.026	< 0.372	0.0061	< 0.0020	NA
	5/1/2018	1.7	49	200	0.52	7.81	430	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	0.4	8.65	160	900	< 0.0030	0.0070	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0065	< 0.00020	0.051	< 0.409	< 0.0025	< 0.0020	0.59
	6/15/2022	1.9	43	230	0.48	8.35	180	730	< 0.0030	0.0071	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	1.22	< 0.0025	< 0.0020	1.93
	11/16/2022	2.3	37	210	0.79	8.82	160	690	< 0.0030	0.0094	0.036	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00066	< 0.010	< 0.00020	0.067	< 0.510	< 0.0025	< 0.0020	11.73
	2/23/2023	2.0	38	190	0.53	9.04	210	680	< 0.0030	0.0086	0.029	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.065	< 0.614	< 0.0025	< 0.0020	10.34
	4/26/2023	1.8	38	190	0.48	8.82	220	750	< 0.0030	0.0080	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.562	< 0.0025	< 0.0020	2.90
	7/26/2023	2.0	44	190	0.49	8.83	250	720	< 0.0030	0.0087	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.074	< 0.733	< 0.0025	< 0.0020	6.50
	10/24/2023	2.0	41	200	0.52	8.68	200	770	< 0.0030	0.010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.549	< 0.0025	< 0.0020	9.50
	2/7/2024	2.1	39	190	0.60	8.89	230	680	^1+ < 0.030	0.0082	0.035	^1+ < 0.0100	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.068	0.588	< 0.0025	< 0.0020	9.30
	5/8/2024	1.8	41	180	0.52	9.33	230	740	< 0.0030	0.0075	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	0.00021	0.063	< 0.634	< 0.0025	< 0.0020	8.90
	8/5/2024	1.9	45	200	0.54	8.71	220	800	< 0.0030	0.010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.073	< 0.578	< 0.0025	< 0.0020	2.67
	11/4/2024	2.2	40	220	0.59	9.01	230	810	< 0.0030	0.010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.080	0.726	< 0.0025	< 0.0020	30.58
	2/4/2025	1.7	41	210	0.53	8.79	250	800	< 0.0030	0.0093	0.039	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- < 0.010	< 0.00020	0.079	< -0.0829	< 0.0025	< 0.0020	52.73
	5/6/2025	1.8	37	160	0.54	9.01	260	790	< 0.0030	0.0082	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.084	0.799	< 0.0025	< 0.0020	5.36
	8/5/2025	2.0	37	170	0.73	8.77	270	760	< 0.0030	0.0091	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	< 0.679	< 0.0025	< 0.0020	13.94
MW-10 downgradient	11/10/2015	3.9	140	140	0.77	7.34	310	980	< 0.0030	0.015	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.068	1.341	< 0.0025	< 0.0020	NA
	2/16/2016	3.6	150	240	0.79	7.29	290	950	< 0.0030	0.014	0.098	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.075	0.952	< 0.0025	< 0.0020	NA
	5/25/2016	3.6	120	140	0.83	7.26	260	1000	< 0.0030	0.034	0.096	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00055	0.016	< 0.00020	0.065	0.513	< 0.0025	< 0.0020	NA
	8/10/2016	4.3	150	120	0.78	7.22	230	970	< 0.0030	0.017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.082	0.864	< 0.0025	< 0.0020	NA
	10/26/2016	3.0	160	74	0.52	7.30	220	1000	< 0.0030	0.022	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.030	0.458	< 0.0025	< 0.0020	NA
	2/2/2017	3.7	180	81	0.54	7.16	160	930	< 0.0030	0.050	0.14	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0013	0.020	^ < 0.00020	0.031	< 0.464	< 0.0025	< 0.0020	NA
	5/10/2017	3.0	150	100	0.44	7.83	340	860	< 0.0030	0.020	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.066	0.882	< 0.0025	< 0.0020	NA
	6/27/2017	2.8	130	110	0.67	7.49	250	930	< 0.0030	0.0072	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.080	0.953	< 0.0025	< 0.0020	NA
	9/7/2017	2.8	120	120	0.77	7.37	290	920	< 0.0030	0.0076	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	0.00058	0.096	0.921	< 0.0025	< 0.0020	NA
	11/15/2017	4.1	140	120	0.77	7.10	270	1000	< 0.0030	0.015	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.071	0.893	< 0.0025	< 0.0020	NA
	5/1/2018	3.2	150	130	0.65	7.31	280	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	2.5	110	140	0.89	7.60	200	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	2.8	100	140	0.82	7.53	260	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	3.7	120	110	0.93	7.21	190	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/2020	2.3	100	170	0.90	7.29	280	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	3.7	130	140	0.87	7.02	180	920	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	3.0	160	130	0.62	7.16	160	910	< 0.0030	0.018	0.18	^1+ < 0.0010	< 0.00050	< 0.0050	0.0013	0.0054	0.020	< 0.00020	0.036	< 1.14	< 0.0025	< 0.0020	44.14
	8/26/2021	2.5	110	140	0.82	7.70	250	740	< 0.0030	0.009	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00073	0.017	< 0.00020	0.12	1.48	< 0.0025	< 0.0020	27.50
	11/23/2021	2.7	110	130	0.71	7.07	230	990	< 0.0030	0.012	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0011	0.013	< 0.00020	0.048	2.22	< 0.0025	< 0.0020	312.05
	2/24/2022	2.6	130	120	0.53	7.02	170	840	< 0.0030	0.0072	0.10	^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	0.0010	0.014	< 0.00020	0.043	0.768	< 0.0025	< 0.0020	72.18
	6/14/2022	2.9	100	140	0.86	6.99	280	790	< 0.0030	0.0080	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.12	1.55	< 0.0025	< 0.0020	55.50
	8/25/2022	2.6	130	140	0.99	7.47	280	910	< 0.0030	0.019	0.11	< 0.0010	^1+ < 0.00050	0.0053	0.0010	0.0077	0.015	< 0.00020	0.12	1.20	< 0.0025	< 0.0020	8.83
	9/28/2022 R	NA	NA	NA	NA	NA	NA	NA	NA	0.0088	NA	NA	NA	NA	NA	0.00093	NA	NA	NA	NA	NA	NA	NA
	11/16/2022	4.4	130	160	0.94	7.15	220	910	< 0.0030	0.015	0.10	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0020	0.018	< 0.00020	0.097	2.74	< 0.0025	< 0.0020	32.40
	2/23/2023	3.7	140	140	0.71	7.11	250	930	< 0.0030	0.015	0.12	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00080	0.016	< 0.00020	0.073	1.35	< 0.0025	< 0.0020	53.32
	4/26/2023	2.8	99	150	0.94	7.23	250	900	< 0.0030	0.013	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00067	0.015	< 0.00020	0.12	1.37	< 0.0025	< 0.0020	85.30
	7/26/2023	3.7	120	150	0.81	7.37	260	910	< 0.0030	0.017	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.097	0.959	< 0.0025	< 0.0020	1.40
	10/24/2023	2.9	99	160	0.89	7.19	230	920	< 0.0030	0.0087	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.12	1.30	< 0.0025	< 0.0020	5.40
	2/7/2024	3.7	130	120	0.69	6.94	290	910	^1+ < 0.0300	0.012	0.11	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.082	1.52	< 0.0025	< 0.0020	75.44
	5/8/2024	2.7	110	130	0.81	7.23	290	860	< 0.0030	0.012	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.11	0.831	< 0.0025	< 0.0020	31.63
	8/5/2024	2.4	89	140	0.92	7.43	310	850	< 0.0030	0.0079	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.15	0.653	< 0.0025	< 0.0020	3.98
	11/4/2024	3.3	120	130	0.84	7.21	260	910	< 0.0030	0.013	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.11	0.786	< 0.0025	< 0.0020	9.83
	2/4/2025	3.2	170	120	0.62	6.96	230	1000	< 0.0030	0.014	0.14	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00050	^5- 0.018	< 0.00020	0.045	1.82	< 0.0025	< 0.0020	54.76
	5/6/2025	3.9	140	150	0.73	6.99	190	950	< 0.0030	0.013	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.064	1.43	< 0.0025	< 0.0020	5.44
	8/5/2025	3.9	140	150	1.0	6.84	210	930	< 0.0030	0.014	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.061	1.33	< 0.0025	< 0.0020	3.53

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units)

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

NA - Not analyzed. No confirmation resample required.

R - Resample

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

V - Serial Dilution exceeds the control limits

^ - Instrument related QC is outside acceptance limits.

* - LCS or LCSD is outside acceptance limits.

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

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

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-11 downgradient	11/10/2015	2.6	120	89	0.61	7.60	180	620	< 0.0030	0.0070	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00064	< 0.010	< 0.00020	0.060	0.736	< 0.0025	< 0.0020	NA
	2/16/2016	3.0	100	88	0.68	7.47	170	640	< 0.0030	0.0059	0.11	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.078	1.14	< 0.0025	< 0.0020	NA
	5/25/2016	2.8	82	98	0.75	7.43	170	640	< 0.0030	0.0073	0.093	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.083	0.775	< 0.0025	< 0.0020	NA
	8/10/2016	3.1	96	86	0.72	7.57	150	660	< 0.0030	0.0072	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.087	0.807	< 0.0025	< 0.0020	NA
	10/26/2016	2.5	110	67	0.53	7.82	120	630	< 0.0030	0.0082	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00052	< 0.010	< 0.00020	0.043	0.510	< 0.0025	< 0.0020	NA
	2/1/2017	3.9	110	72	0.65	7.54	110	600	< 0.0030	0.011	0.15	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.076	0.909	< 0.0025	< 0.0020	NA
	5/10/2017	3.1	95	84	0.46	8.37	170	590	< 0.0030	0.014	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.074	1.03	< 0.0025	< 0.0020	NA
	6/27/2017	2.8	87	90	0.59	7.57	150	680	< 0.0030	0.0058	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	0.692	< 0.0025	< 0.0020	NA
	9/7/2017	2.8	90	94	0.58	7.40	150	730	< 0.0030	0.0074	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.067	0.676	< 0.0025	< 0.0020	NA
	11/15/2017	2.9	96	100	0.65	7.41	160	750	< 0.0030	0.0082	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.075	1.04	< 0.0025	< 0.0020	NA
	5/3/2018	3.8	73	110	0.69	6.74	190	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	3.1	78	110	0.66	7.65	120	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	2.2	86	110	0.49	7.55	120	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	2.5	100	80	0.55	7.26	91	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2020	2.3	89	100	0.54	7.4	90	540	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	4.3	85	140	0.72	7.17	68	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	3.8	94	130	0.74	7.68	57	660	< 0.0030	0.0067	0.16	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	1.29	< 0.0025	< 0.0020	9.56
	8/26/2021	1.9	110	150	0.39	7.73	100	710	< 0.0030	0.0076	0.1	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.034	1.29	< 0.0025	< 0.0020	11.40
	11/23/2021	2.0	130	150	0.48	6.94	94	810	< 0.0030	0.0085	0.11	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	2.35	< 0.0025	< 0.0020	1.85
	12/22/2021 R	NA	NA	150	NA	7.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/23/2022	1.8	130	150	0.38	6.94	91	760	< 0.0030	0.013	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00060	0.011	< 0.00020	0.031	1.65	< 0.0025	< 0.0020	162.43
	6/13/2022	2.8	120	140	0.4	7.22	97	700	< 0.0030	0.0088	0.17	< 0.0010	< 0.00050	< 0.0050	0.0022	0.0018	0.011	< 0.00020	0.058	1.44	< 0.0025	< 0.0020	27.05
	8/23/2022	2.5	110	140	0.53	6.94	160	740	< 0.0030	0.0082	0.12	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.033	2.02	< 0.0025	< 0.0020	10.90
	11/16/2022	3.8	120	130	0.71	7.34	66	700	< 0.0030	0.013	0.14	^+ < 0.0010	< 0.00050	< 0.0050	0.0015	0.0014	0.010	< 0.00020	0.052	1.61	< 0.0025	< 0.0020	60.30
	2/21/2023	2.2	120	130	0.45	7.08	81	710	< 0.0030	0.016	0.18	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0010	< 0.010	< 0.00020	0.037	1.57	< 0.0025	< 0.0020	51.30
	4/25/2023	2.8	110	130	0.53	7.14	75	730	< 0.0030	0.015	0.18	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.043	< 0.734	< 0.0025	< 0.0020	56.60
	7/25/2023	2.2	120	120	0.46	7.12	80	740	< 0.0030	0.0077	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	1.02	< 0.0025	< 0.0020	1.00
	10/19/2023	3.0	120	120	0.55	7.12	74	770	< 0.0030	0.010	0.16	*+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.044	1.34	< 0.0025	^1+ < 0.0020	3.90
	2/5/2024	2.4	120	130	0.45	7.12	78	730	^1+ < 0.0030	0.025	0.18	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00056	F1 < 0.10	< 0.00020	0.029	1.65	< 0.0025	< 0.0020	39.20
	5/6/2024	2.9	110	120	0.52	7.37	68	720	< 0.0030	0.032	0.17	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00056	0.010	< 0.00020	0.037	0.817	< 0.0025	< 0.0020	42.41
	8/1/2024	3.2	100	120	0.53	7.70	76	790	< 0.0030	0.0075	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.045	1.55	< 0.0025	< 0.0020	13.58
	11/1/2024	3.2	110	130	0.55	7.50	71	760	< 0.0030	0.0073	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.042	1.43	< 0.0025	< 0.0020	4.02
	2/3/2025	2.5	120	130	0.49	7.05	72	710	< 0.0030	0.0073	0.21	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.010	< 0.00020	0.031	1.47	< 0.0025	< 0.0020	61.33
	5/5/2025	2.5	130	120	0.49	7.53	69	790	< 0.0030	0.013	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	1.14	< 0.0025	< 0.0020	32.27
	8/1/2025	2.7	120	120	0.72	7.01	70	800	< 0.0030	0.010	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.037	0.999	< 0.0025	< 0.0020	9.63
MW-12 downgradient	11/10/2015	2.3	150	160	0.59	7.44	290	1000	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.034	0.8139	< 0.0025	< 0.0020	NA
	2/16/2016	1.8	130	140	0.52	7.38	220	850	< 0.0030	0.0013	0.084	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.031	< 0.407	< 0.0025	< 0.0020	NA
	5/25/2016	1.9	130	150	0.54	7.23	250	890	< 0.0030	0.0013	0.12	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00063	0.014	< 0.00020	0.030	0.41	0.0026	< 0.0020	NA
	8/10/2016	2.4	170	140	0.49	7.20	280	1000	< 0.0030	0.0017	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00060	0.017	< 0.00020	0.040	< 0.426	0.0077	< 0.0020	NA
	10/26/2016	2.6	140	120	0.49	7.44	220	980	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	0.0250	< 0.0010	< 0.00050	0.013	< 0.00020	0.036	< 0.664	< 0.0025	< 0.0020	NA
	2/1/2017	2.0	160	120	0.48	7.30	150	900	< 0.0030	0.0017	0.11	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00065	0.013	< 0.00020	0.023	0.949	< 0.0025	< 0.0020	NA
	5/10/2017	2.3	200	240	0.30	7.65	260	1300	< 0.0030	0.0013	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.029	< 0.464	0.017	< 0.0020	NA
	6/27/2017	2.4	180	280	0.44	7.31	260	1300	< 0.0030	0.0014	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.030	0.455	0.0032	< 0.0020	NA
	9/6/2017	2.6	190	270	0.49	7.26	260	1400	< 0.0030	0.0017	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.032	< 0.317	0.0043	< 0.0020	NA
	11/15/2017	1.7	55	200	0.47	6.90	250	1200	< 0.0030	0.0054	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.11	0.434	< 0.0025	< 0.0020	NA
	5/3/2018	1.8	140	170	0.47	6.60	170	960	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/2/2018	F1 2.2	150	160	0.49	7.30	170	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	1.9	140	140	0.42	7.23	190	930	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	2.1	140	71	0.53	7.02	110	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/2020	1.9	180	120	0.4	6.95	140	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	2.2	160	190	0.52	7.27	160	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	1.8	140	170	0.49	7.37	180	930	< 0.0030	0.0017	0.14	^1+ < 0.0010	< 0.00050	< 0.0050	0.0010	< 0.00085	0.014	< 0.00020	0.029	0.529	< 0.0025	< 0.0020	28.65
	8/26/2021	2.1	170	200	0.47	7.49	170	1000	< 0.0030	0.0020	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.027	1.03	< 0.0025	< 0.0020	10.90
	11/23/2021	2.3	180	210	0.44	7.01	180	1200	< 0.0030	0.0020	0.15	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.022	0.58	0.0055	< 0.0020	3.88
	2/24/2022	1.7	150	150	0.4	7.06	150	1000	< 0.0030	0.0025	0.27	^1+ < 0.0010	< 0.00050	< 0.0050	0.0011	0.0016	0.018	< 0.00020	0.024	< 1.62	0.0061	< 0.0020	82.80
	6/13/2022	1.9	160	^+ 210	0.45	7.03	170	1000	< 0.0030	0.0015	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.024	0.957	0.0045	< 0.0020	4.24
	8/23/2022	1.9	150	170	0.37	6.62	160	1000	< 0.0030	0.0011	0.18	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.015	0.709	0.0086	< 0.0020	7.35
	11/16/2022	2.3	160	180	0.97	7.34	180	1000	< 0.0030	0.0017	0.14	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.029	< 0.139	< 0.0025	< 0.0020	2.85
	2/21/2023	1.6	150	150	0.41	7.15	180	980	< 0.0030	0.0015	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.025	< 0.651	< 0.0025	< 0.0020	1.82
	4/25/2023	1.8	150	170	0.42	6.91	180	980	< 0.0030	0.0017	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.022	< 0.510	0.0044	< 0.0020	2.10
	7/25/2023	2.1	180	180	0.44	6.96	190	1100	< 0.0030	0.0017	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.026	< 0.664	0.018	< 0.0020	6.80
	10/19/2023	2.2	180	180	0.47	6.99	170	1100	< 0.0030	0.0013	0.18	*+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.027	0.889	0.0040	^1+ < 0.0020	3.00
	2/5/2024	2.2	170	140	0.36	7.07	160	1100	^1+ < 0.0030	0.0017	0.18	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00060	< 0.10	< 0.00020	0.024	< 0.585	0.0044	< 0.0020	2.96
	5/6/2024	1.9	180	190	0.42	7.02	160	1100	< 0.0030	0.0011	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.020	0.638	0.0041	< 0.0020	8.31
	8/1/2024	2.2	180	F1 180	0.44	7.66	200	1100	< 0.0030	0.0011	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.027	< 0.629	0.014	< 0.0020	4.12
	11/1/2024	2.5	190	210	0.49	7.20	200	1200	< 0.0030	0.0012	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.028	0.777	0.0068	< 0.0020	1.61
	2/3/2025	2.1	180	140	0.41	7.10	170	1000	< 0.0030	0.0012	0.15	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.015	< 0.00020	0.021	< 0.471	0.011	< 0.0020	26.73
	5/5/2025	1.9	160	140	0.46	7.31	170	1000	< 0.0030	0.0012	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.026	0.718	0.0051	< 0.0020	14.25
	8/4/2025	2.1	160	140	0.61	7.04	160	980	< 0.0030	0.0013	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.024	1.27	0.0033	< 0.0020	15.64

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units).

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

NA - Not analyzed. No confirmation resample required.

R - Resample

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

V - Serial Dilution exceeds the control limits

^ - Instrument related QC is outside acceptance limits.

* - LCS or LCSD is outside acceptance limits.

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

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

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ANALYTICAL REPORT

PREPARED FOR

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

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

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-272608-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

Job Notes

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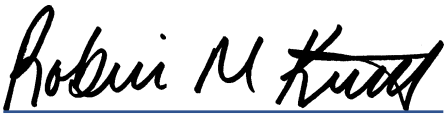

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Job Narrative
500-272608-1

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

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

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

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

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

Method Summary

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

Job ID: 500-272608-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-272608-1

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

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

Job ID: 500-272608-1

Client Sample ID: MW-05
Date Collected: 08/05/25 09:01
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-1
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-06
Date Collected: 08/05/25 10:21
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-2
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

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

Lab Sample ID: 500-272608-3
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-10
Date Collected: 08/05/25 11:16
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-4
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-11
Date Collected: 08/01/25 11:43
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-5
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-12

Date Collected: 08/04/25 11:02
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-6

Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: 2S/3S Duplicate

Date Collected: 08/01/25 00:00
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-7

Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-16
Date Collected: 08/01/25 12:54
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-8
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 14:16	08/15/25 14:50	1
Boron	**1.2**		0.050		mg/L		08/08/25 14:16	08/19/25 10:52	1
Barium	**0.10**		0.0025		mg/L		08/08/25 14:16	08/15/25 14:50	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:38	1
Calcium	**150**		0.20		mg/L		08/08/25 14:16	08/15/25 14:50	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Cobalt	**0.0018**		0.0010		mg/L		08/08/25 14:16	08/15/25 14:50	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Molybdenum	**0.0095**		0.0050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:50	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:50	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:50	1
Lithium	**0.014**		0.010		mg/L		08/08/25 14:16	08/15/25 14:50	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

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

Job ID: 500-272608-1

Client Sample ID: MW-17
Date Collected: 08/01/25 14:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-9
Matrix: Water

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Definitions/Glossary

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

Job ID: 500-272608-1

Qualifiers

Metals

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

Glossary

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

Metals

Prep Batch: 829324

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

Prep Batch: 829880

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

Analysis Batch: 830084

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

Analysis Batch: 830406

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

Metals (Continued)

Analysis Batch: 830406 (Continued)

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

Analysis Batch: 830559

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

Analysis Batch: 830662

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

General Chemistry

Analysis Batch: 828798

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

Analysis Batch: 829583

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

General Chemistry (Continued)

Analysis Batch: 829583 (Continued)

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

Analysis Batch: 830340

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

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-829324/1-A
Matrix: Water
Analysis Batch: 830406

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 829324

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

Lab Sample ID: MB 500-829324/1-A
Matrix: Water
Analysis Batch: 830559

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 829324

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

Lab Sample ID: LCS 500-829324/2-A
Matrix: Water
Analysis Batch: 830406

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 829324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	2.00	2.14		mg/L		107	80 - 120
Calcium	10.0	8.40		mg/L		84	80 - 120
Cadmium	0.0500	0.0505		mg/L		101	80 - 120
Cobalt	0.500	0.505		mg/L		101	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Molybdenum	1.00	0.993		mg/L		99	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Antimony	0.500	0.508		mg/L		102	80 - 120
Selenium	0.100	0.0975		mg/L		97	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120
Lithium	0.500	0.497		mg/L		99	80 - 120

Lab Sample ID: LCS 500-829324/2-A
Matrix: Water
Analysis Batch: 830559

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 829324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Beryllium	0.0500	0.0512		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-829880/12-A
Matrix: Water
Analysis Batch: 830084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 829880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:36	1

Lab Sample ID: LCS 500-829880/13-A
Matrix: Water
Analysis Batch: 830084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00209		mg/L		105	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-830340/3
Matrix: Water
Analysis Batch: 830340

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

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

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

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

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

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

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

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

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

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

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

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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829583/61
Matrix: Water
Analysis Batch: 829583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/11/25 16:16	1

Method: SM 4500 F C - Fluoride

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

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

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

Lab Sample ID: LCS 500-829583/62
Matrix: Water
Analysis Batch: 829583

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			10.0	9.33		mg/L		93	90 - 119		

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

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

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

Lab Sample ID: 500-272608-3 MS
Matrix: Water
Analysis Batch: 829583

Client Sample ID: MW-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.73		5.00	6.56		mg/L		117	75 - 125		

Lab Sample ID: 500-272608-3 MSD
Matrix: Water
Analysis Batch: 829583

Client Sample ID: MW-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.73		5.00	6.87		mg/L		123	75 - 125	5	20

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	Lab PM	Carrier Tracking No(s)	COC No.
		Mockler, Diana J		500-138949-48726 1
Client Contact: Mr Tim Stohner	Phone	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID			Job #: 500-272608
Address: 414 Plaza Drive Suite 106	Due Date Requested			
City: Westmont	TAT Requested (days)			
State, Zip: IL, 60559	Compliance Project: Δ Yes Δ No			
Phone	PO #: 4502187743			
Email: tims@kprginc.com	WO #			
Project Name: Will County 2S/3S Event Desc. Quarterly GW Monitoring	Project #: 50011609			
Site: Illinois	SSOW#:			

500-272608 COC

Analysis Requested

Preservation Codes: D HNO3; N None

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		
1 MW-05	8-5-25	09:01	G	Water	N	N	X	X	X	5	
2 MW-06	8-5-25	10:21	G	Water	N	N	X	X	X	5	
3 MW-09	8-5-25	14:06	G	Water	N	N	X	X	X	5	
4 MW-10	8-5-25	11:16	G	Water	N	N	X	X	X	5	
5 MW-11	8-1-25	11:43	G	Water	N	N	X	X	X	5	
6 MW-12	8-4-25	11:02	G	Water	N	N	X	X	X	5	
7 2S/3S Duplicate	8-1-25	—	G	Water	N	N	X	X	X	5	
8 MW-16	8-1-25	12:54	G	Water	N	N	X	X	X	5	
9 MW-17	8-1-25	14:42	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8-5-25 16:22	KPRG		8/5/25 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: 2.1→2.4, 1.8→5.0, 5.7→5.5, 5.1→4.9

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272608-1

Login Number: 272608

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,5.6,5.5,4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Lab Chronicle

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

Job ID: 500-272608-1

Client Sample ID: MW-05

Date Collected: 08/05/25 09:01
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:30
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:47
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:40
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 11:42
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:23
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 17:58

Client Sample ID: MW-06

Date Collected: 08/05/25 10:21
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:32
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:49
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:42
Total/NA	Analysis	300.0		1	830340	MM	EET CHI	08/16/25 11:57
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:26
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:04

Client Sample ID: MW-09

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

Lab Sample ID: 500-272608-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:34
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:52
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:44
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 12:13
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:28
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:37

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

Job ID: 500-272608-1

Client Sample ID: MW-10

Lab Sample ID: 500-272608-4

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:36
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:54
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:46
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 12:28
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:31
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:09

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:39
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:31
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:45
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:48
Total/NA	Analysis	300.0		1	830340	MM	EET CHI	08/16/25 12:43
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:33
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:13

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:45
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:33
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:47
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:50
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 13:29
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:36
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:18

Lab Chronicle

Client: Midwest Generation EME LLC
Job ID: 500-272608-1
Project/Site: Will County CCR

Client Sample ID: 2S/3S Duplicate
Lab Sample ID: 500-272608-7
Date Collected: 08/01/25 00:00
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:48
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:35
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:50
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:51
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 13:44
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:39
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:21

Client Sample ID: MW-16
Lab Sample ID: 500-272608-8
Date Collected: 08/01/25 12:54
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:50
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:38
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:52
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:53
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:00
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:41
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:06

Client Sample ID: MW-17
Lab Sample ID: 500-272608-9
Date Collected: 08/01/25 14:42
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:52
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 [1]
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:51
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 [1]
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:59
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:15
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:44
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:12

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

Lab Chronicle

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

Job ID: 500-272608-1

Laboratory References:

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 09/04/25 14:09:22

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-272608-2

Eurofins Chicago
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.

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Authorization

Generated
09/04/25 14:09:22

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Job ID: 500-272608-2 — Eurofins Chicago

Job Narrative
500-272608-2

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

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

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

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

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

Method Summary

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

Job ID: 500-272608-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-272608-2

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

Client Sample ID: MW-05
Date Collected: 08/05/25 09:01
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-1
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	0.213	U	0.225	0.226	1.00	0.361	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.00**		0.520	0.529	1.00	0.748	pCi/L	08/08/25 08:43	09/03/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*
Y Carrier	*66.2*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.21**		0.567	0.575	5.00	0.748	pCi/L		09/04/25 13:50	1

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

Job ID: 500-272608-2

Client Sample ID: MW-06
Date Collected: 08/05/25 10:21
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-2
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	0.173	U	0.236	0.236	1.00	0.397	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0204	U	0.377	0.377	1.00	0.692	pCi/L	08/08/25 08:43	09/03/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*
Y Carrier	*74.4*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.194	U	0.445	0.445	5.00	0.692	pCi/L		09/04/25 13:50	1

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

Job ID: 500-272608-2

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

Lab Sample ID: 500-272608-3
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	0.243	U	0.242	0.243	1.00	0.380	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.436	U	0.442	0.444	1.00	0.711	pCi/L	08/08/25 08:43	09/03/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*
Y Carrier	*71.4*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.679	U	0.504	0.506	5.00	0.711	pCi/L		09/04/25 13:50	1

Client Sample ID: MW-10
Date Collected: 08/05/25 11:16
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-4
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	0.272	U	0.237	0.238	1.00	0.360	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.06**		0.531	0.540	1.00	0.758	pCi/L	08/08/25 08:43	09/03/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*
Y Carrier	*74.4*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.33**		0.581	0.590	5.00	0.758	pCi/L		09/04/25 13:50	1

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

Job ID: 500-272608-2

Client Sample ID: MW-11
Date Collected: 08/01/25 11:43
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-5
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	0.312	U	0.255	0.257	1.00	0.385	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.687	U	0.462	0.467	1.00	0.688	pCi/L	08/08/25 08:43	09/03/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*
Y Carrier	*63.2*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.999**		0.528	0.533	5.00	0.688	pCi/L		09/04/25 13:50	1

Client Sample ID: MW-12
Date Collected: 08/04/25 11:02
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-6
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	-0.0261	U	0.103	0.103	1.00	0.252	pCi/L	08/08/25 08:26	09/03/25 17:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.30**		0.535	0.548	1.00	0.704	pCi/L	08/08/25 08:43	09/03/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:55*	*1*
Y Carrier	*65.4*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.27**		0.545	0.558	5.00	0.704	pCi/L		09/04/25 13:50	1

Client Sample ID: 2S/3S Duplicate
Date Collected: 08/01/25 00:00
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-7
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	0.303	U	0.239	0.240	1.00	0.354	pCi/L	08/08/25 08:26	09/03/25 17:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.42**		0.482	0.499	1.00	0.573	pCi/L	08/08/25 08:43	09/03/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*
Y Carrier	*72.5*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.72**		0.538	0.554	5.00	0.573	pCi/L		09/04/25 13:50	1

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

Job ID: 500-272608-2

Client Sample ID: MW-16

Date Collected: 08/01/25 12:54
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-8

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	0.689		0.298	0.304	1.00	0.329	pCi/L	08/08/25 08:26	09/03/25 17:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.683		0.446	0.450	1.00	0.657	pCi/L	08/08/25 08:43	09/03/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*
Y Carrier	*68.4*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.37		0.536	0.543	5.00	0.657	pCi/L		09/04/25 13:50	1

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

Job ID: 500-272608-2

Client Sample ID: MW-17
Date Collected: 08/01/25 14:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.173	U	0.180	0.180	1.00	0.281	pCi/L	08/08/25 08:26	09/03/25 17:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.888**		0.460	0.468	1.00	0.643	pCi/L	08/08/25 08:43	09/03/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*
Y Carrier	*70.7*		*30 - 110*	*08/08/25 08:43*	*09/03/25 11:56*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.06**		0.494	0.501	5.00	0.643	pCi/L		09/04/25 13:50	1

Definitions/Glossary

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

Job ID: 500-272608-2

Qualifiers

Rad

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

Glossary

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

QC Association Summary

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

Job ID: 500-272608-2

Rad

Prep Batch: 731125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	PrecSep-21	
500-272608-2	MW-06	Total/NA	Water	PrecSep-21	
500-272608-3	MW-09	Total/NA	Water	PrecSep-21	
500-272608-4	MW-10	Total/NA	Water	PrecSep-21	
500-272608-5	MW-11	Total/NA	Water	PrecSep-21	
500-272608-6	MW-12	Total/NA	Water	PrecSep-21	
500-272608-7	2S/3S Duplicate	Total/NA	Water	PrecSep-21	
500-272608-8	MW-16	Total/NA	Water	PrecSep-21	
500-272608-9	MW-17	Total/NA	Water	PrecSep-21	
MB 160-731125/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-731125/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 731128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	PrecSep_0	
500-272608-2	MW-06	Total/NA	Water	PrecSep_0	
500-272608-3	MW-09	Total/NA	Water	PrecSep_0	
500-272608-4	MW-10	Total/NA	Water	PrecSep_0	
500-272608-5	MW-11	Total/NA	Water	PrecSep_0	
500-272608-6	MW-12	Total/NA	Water	PrecSep_0	
500-272608-7	2S/3S Duplicate	Total/NA	Water	PrecSep_0	
500-272608-8	MW-16	Total/NA	Water	PrecSep_0	
500-272608-9	MW-17	Total/NA	Water	PrecSep_0	
MB 160-731128/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-731128/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-731125/1-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08965	U	0.224	0.224	1.00	0.406	pCi/L	08/08/25 08:26	09/03/25 17:04	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/08/25 08:26*	*09/03/25 17:04*	*1*

Lab Sample ID: LCS 160-731125/2-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731125

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.707		1.30	1.00	0.340	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-731128/1-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731128

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8502		0.421	0.428	1.00	0.585	pCi/L	08/08/25 08:43	09/03/25 12:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:01*	*1*
Y Carrier	*79.3*		*30 - 110*	*08/08/25 08:43*	*09/03/25 12:01*	*1*

Lab Sample ID: LCS 160-731128/2-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731128

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.10	10.80		1.45	1.00	0.531	pCi/L	119	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

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	Sampler	Lab PM: Mockler, Diana J	Carrier Tracking No(s)	COC No.: 500-138949-48726 1
Client Contact: Mr Tim Stohner	Phone	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID			Job #: 500-272608

Address: 414 Plaza Drive Suite 106	Due Date Requested
City: Westmont	TAT Requested (days)
State Zip: IL, 60559	Compliance Project. Δ Yes Δ No
Phone	PO #: 4502187743
Email: tims@kprginc.com	WO #
Project Name: Will County 2S/3S Event Desc. Quarterly GW Monitoring	Project #: 50011609
Site: Illinois	SSOW#:

500-272608 COC

Analysis Requested

Preservation Codes
D HNO3
N None

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		
1 MW-05	8-5-25	09:01	G	Water	N	N	X	X	X	5	
2 MW-06	8-5-25	10:21	G	Water	N	N	X	X	X	5	
3 MW-09	8-5-25	14:06	G	Water	N	N	X	X	X	5	
4 MW-10	8-5-25	11:16	G	Water	N	N	X	X	X	5	
5 MW-11	8-1-25	11:43	G	Water	N	N	X	X	X	5	
6 MW-12	8-4-25	11:02	G	Water	N	N	X	X	X	5	
7 2S/3S Duplicate	8-1-25	—	G	Water	N	N	X	X	X	5	
8 MW-16	8-1-25	12:54	G	Water	N	N	X	X	X	5	
9 MW-17	8-1-25	14:42	G	Water	N	N	X	X	X	5	
	—	—	—	—							

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	8-5-25 16:22	KPRG		8/5/25 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: 2.1→2.4, 1.8→5.0, 5.7→5.5, 5.1→4.9

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: 500-209966.1
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 #: 500-272608-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/9/2025			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 (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-05 (500-272608-1)	8/5/25	09:01 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-06 (500-272608-2)	8/5/25	10:21 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-09 (500-272608-3)	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-10 (500-272608-4)	8/5/25	11:16 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-11 (500-272608-5)	8/1/25	11:43 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-12 (500-272608-6)	8/4/25	11:02 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
2S/3S Duplicate (500-272608-7)	8/1/25	Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-16 (500-272608-8)	8/1/25	12:54 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-17 (500-272608-9)	8/1/25	14:42 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	*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:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/06/25 1500	EETA	Sierra Worthington	AUG 07 2025 0825	ETASL
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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272608-2

Login Number: 272608

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,5.6,5.5,4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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: 500-272608-2

Login Number: 272608
List Number: 2
Creator: Worthington, Sierra M

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

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

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

Lab Chronicle

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

Job ID: 500-272608-2

Client Sample ID: MW-05

Date Collected: 08/05/25 09:01
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-06

Date Collected: 08/05/25 10:21
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-09

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

Lab Sample ID: 500-272608-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-10

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

Lab Sample ID: 500-272608-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Lab Chronicle

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

Job ID: 500-272608-2

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-272608-7

Date Collected: 08/01/25 00:00
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:07
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-16

Lab Sample ID: 500-272608-8

Date Collected: 08/01/25 12:54
Matrix: Water
Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:08
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Lab Chronicle

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

Job ID: 500-272608-2

Client Sample ID: MW-17
Date Collected: 08/01/25 14:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:07
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Laboratory References:

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

Tracer/Carrier Summary

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

Job ID: 500-272608-2

Method: 903.0 - Radium-226 (GFPC)

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

		Percent Yield (Acceptance Limits)						
		Ba						
Lab Sample ID	Client Sample ID	(30-110)						
500-272608-1	MW-05	96.8						
500-272608-2	MW-06	88.3						
500-272608-3	MW-09	76.7						
500-272608-4	MW-10	86.1						
500-272608-5	MW-11	89.6						
500-272608-6	MW-12	91.8						
500-272608-7	2S/3S Duplicate	92.1						
500-272608-8	MW-16	83.6						
500-272608-9	MW-17	88.3						
LCS 160-731125/2-A	Lab Control Sample	87.8						
MB 160-731125/1-A	Method Blank	89.6						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

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

		Percent Yield (Acceptance Limits)						
		Ba	Y					
Lab Sample ID	Client Sample ID	(30-110)	(30-110)					
500-272608-1	MW-05	96.8	66.2					
500-272608-2	MW-06	88.3	74.4					
500-272608-3	MW-09	76.7	71.4					
500-272608-4	MW-10	86.1	74.4					
500-272608-5	MW-11	89.6	63.2					
500-272608-6	MW-12	91.8	65.4					
500-272608-7	2S/3S Duplicate	92.1	72.5					
500-272608-8	MW-16	83.6	68.4					
500-272608-9	MW-17	88.3	70.7					
LCS 160-731128/2-A	Lab Control Sample	87.8	80.4					
MB 160-731128/1-A	Method Blank	89.6	79.3					

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-25
Sample Name	MW-05	Start Time	08:49	
Condition of Well	GOOD			
Water Level	10.20	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.5 QTS.	W L at Sample Time	10.21	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA+CCR + CCA DUP	Sample Time	09:01	
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)
08:52	10.24	6.82	15.9	1.725	6.74	145.3	1.25
08:55	10.24	6.67	14.4	1.544	4.08	148.9	0.99
08:58	10.22	6.65	14.4	1.508	3.36	148.3	1.13
09:01	10.21	6.65	14.5	1.504	3.22	147.9	1.16
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-25
Sample Name	MW-06	Start Time	10:06	
Condition of Well	Good			
Water Level	11.96	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		
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED	
Sample Analysis	CCA + CCR	Sample Time	10:21	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:09	12.03	7.28	14.8	1.030	4.44	38.9	3.38
10:12	12.03	7.25	15.6	1.030	2.43	46.8	3.18
10:15	12.02	7.25	15.8	1.044	1.41	42.8	3.23
10:18	12.02	7.26	15.8	1.043	1.09	36.0	3.51
10:21	12.02	7.26	15.8	1.041	1.04	34.7	4.39
—							

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
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-25
Sample Name	MW-10	Start Time	11:01	
Condition of Well	GOOD			
Water Level	10.87	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.5 QTS.	W L at Sample Time	10.98	
Method of Sample	Low-Flow	Sample Characteristics	ARGUS CLEAR CCA FILTERED	
Sample Analysis	CCA + CCR	Sample Time	11:16	
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)
11:04	10.92	6.92	14.0	1.711	4.02	-81.2	5.30
11:07	10.96	6.85	14.2	1.739	1.92	-92.8	5.41
11:10	10.95	6.84	14.1	1.752	1.26	-99.2	4.68
11:13	10.98	6.84	14.1	1.755	0.96	-103.3	3.47
11:16	10.98	6.84	14.0	1.759	0.92	-104.1	3.53
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-1-25
Sample Name	MW-11	Start Time	11:25	
Condition of Well	GOOD			
Water Level	10.09	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.5 QTS.	W L at Sample Time	10.30	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR.	
Sample Analysis	CCR 25/35 + 25/35 DUP.	Sample Time	11:43	
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)
11:28	10.23	7.18	16.9	1.683	4.77	48.1	13.24
11:31	10.21	7.18	16.2	1.700	1.86	-33.4	9.15
11:34	10.28	7.16	14.5	1.665	1.58	-65.7	12.00
11:37	10.32	7.11	14.8	1.654	1.28	-76.1	10.57.
11:40	10.33	7.04	16.3	1.662	0.97	-83.0	9.90
11:43	10.30	7.01	16.5	1.660	0.93	-82.8	9.63
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-4-25
Sample Name	MW-12	Start Time	10:47	
Condition of Well	GOOD			
Water Level	10.59	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR.	
Volume Removed	1.50 QTS	W L at Sample Time	10.60	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR.	
Sample Analysis	CCR 2s/3s	Sample Time	11:02	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:50	10.63	6.99	14.4	1.609	4.71	188.7	11.40
10:53	10.59	7.02	13.9	1.653	3.23	198.3	13.20
10:56	10.59	7.03	13.6	1.667	2.32	205.1	14.82
10:59	10.61	7.04	13.5	1.675	1.79	206.5	14.86
11:02	10.60	7.04	13.5	1.682	1.58	207.4	15.64
—							

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates