

DATA SUMMARY POSTING

Station: Midwest Generation Joliet #29 Generating Station

Regulated Unit(s): Pond 2 (BOL Log No. 2021-506)

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 2nd quarter 2026 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 including any data generated previously as part of the Federal CCR Rule monitoring.

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 Results - Midwest Generation, LLC, Joliet Station #29, Joliet, 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	Selenium	Thallium	Turbidity
MW-10 upgradient	10/28/2015	0.47	100	200	0.41	7.04	84	790	< 0.0030	< 0.0010	0.041	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0060	0.2981	< 0.0025	< 0.0020	NA
	2/10/2016	0.41	100	210	0.44	7.17	120	820	< 0.0030	0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0067	< 0.438	< 0.0025	< 0.0020	NA
	5/12/2016	0.29	100	300	0.42	7.02	110	920	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0051	< 0.414	< 0.0025	< 0.0020	NA
	8/31/2016	0.36	89	170	0.46	6.95	100	760	< 0.0030	< 0.0010	0.039	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.0077	< 0.394	< 0.0025	< 0.0020	NA
	11/2/2016	0.48	100	130	0.45	6.99	95	720	< 0.0030	0.0018	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0014	0.011	< 0.00020	0.0061	0.626	< 0.0025	< 0.0020	NA
	2/6/2017	0.44	120	190	0.36	6.99	88	820	< 0.0030	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00086	0.014	< 0.00020	0.0056	< 0.389	< 0.0025	< 0.0020	NA
	4/26/2017	0.35	120	200	0.35	7.27	87	760	< 0.0030	0.0015	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0012	< 0.010	< 0.00020	0.0060	< 0.34	< 0.0025	< 0.0020	NA
	6/14/2017	0.29	91	160	0.43	7.48	75	690	< 0.0030	< 0.0010	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0072	< 0.356	< 0.0025	< 0.0020	NA
	8/2/2017	0.45	97	170	0.38	7.23	110	750	< 0.0030	0.0011	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0079	0.429	< 0.0025	< 0.0020	NA
	10/18/2017	0.61	120	140	0.41	7.11	130	820	< 0.0030	0.0012	0.040	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00059	0.013	< 0.00020	0.0066	< 0.422	< 0.0025	^ < 0.0020	NA
	4/24/2018	0.4	110	260	0.39	7.28	120	910	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/17/2018	0.63	120	180	0.42	7.30	110	810	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/24/2018 R	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/2019	0.56	130	410	0.39	7.17	95	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	NA	NA	230	NA	NA	NA	830	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/7/2019	0.35	90	130	0.36	7.40	59	650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/20/2020	0.85	120	250	0.41	6.90	100	960	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/11/2020 R	0.26	NA	NA	NA	NA	NA	770	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/2020	0.34	110	230	0.41	7.11	93	850	< 0.0030	0.0010	0.043	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0057	NA	< 0.0025	< 0.0020	NA
	5/18/2021	0.33	140	350	0.39	7.16	210	1200	< 0.0030	0.0014	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.0055	< 0.480	< 0.0025	< 0.0020	3.73
	6/29/2021 R	NA	160	420	NA	7.32	190	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.49
	8/30/2021	0.28	120	330	0.37	7.56	170	990	^+ < 0.0030	0.0012	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0065	0.51	< 0.0025	< 0.0020	9.30
	11/16/2021	0.39	120	260	0.38	7.01	150	1000	< 0.0030	0.0012	0.049	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0066	0.692	< 0.0025	< 0.0020	5.59
	3/3/2022	0.47	120	280	0.41	7.05	190	1000	< 0.0030	0.0014	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0066	< 0.40	< 0.0025	< 0.0020	2.86
	5/26/2022	0.39	120	280	0.41	6.90	160	1000	< 0.0030	0.0013	0.046	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0064	< 0.593	< 0.0025	< 0.0020	2.08
	8/31/2022	0.33	110	240	0.41	6.58	160	970	< 0.0030	0.0012	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0057	0.534	< 0.0025	< 0.0020	2.93
	11/9/2022	0.32	110	240	0.57	7.00	150	880	< 0.0030	0.0014	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	^+ < 0.00050	0.010	< 0.00020	0.0055	0.728	< 0.0025	< 0.0020	19.60
	12/20/2022 R	NA	NA	NA	0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/28/2023	0.36	130	330	0.38	7.06	170	1200	< 0.0030	0.0012	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0058	< 0.787	< 0.0025	< 0.0020	17.13
	5/3/2023	0.37	130	310	0.39	6.99	190	1100	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.0068	< 0.487	< 0.0025	< 0.0020	2.60
	7/20/2023	0.33	110	250	0.39	6.95	160	960	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0053	0.623	< 0.0025	< 0.0020	5.60
	10/26/2023	0.40	120	300	0.41	6.96	160	1100	< 0.0030	0.0011	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0064	0.739	< 0.0025	< 0.0020	1.40
	1/23/2024	0.49	110	260	0.37	6.96	160	970	^1+ < 0.0030	0.0013	0.056	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00064	0.014	< 0.00020	0.0067	0.720	< 0.0025	< 0.0020	82.70
	5/22/2024	0.38	110	180	0.41	7.17	120	840	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0067	< 0.633	< 0.0025	< 0.0020	49.31
	7/30/2024	0.44	120	170	0.38	7.58	150	880	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	^1+ < 0.00050	0.013	< 0.00020	0.0071	0.455	< 0.0025	< 0.0020	2.27
	10/29/2024	0.46	130	220	0.38	7.30	160	1000	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0063	< 0.337	< 0.0025	< 0.0020	3.17
	1/29/2025	0.50	140	250	0.40	7.13	150	1100	< 0.0030	0.0011	0.0011	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00089	0.015	< 0.00020	0.0066	< -0.0345	< 0.0025	< 0.0020	60.43
	4/30/2025	0.38	120	280	0.42	7.27	170	1100	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0068	0.772	< 0.0025	< 0.0020	9.43
	8/7/2025	0.35	110	240	0.60	7.01	180	1000	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0055	< 0.340	< 0.0025	< 0.0020	8.41
	11/6/2025	0.39	120	220	0.45	6.97	170	1000	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	0.00024	0.0068	< 0.424	< 0.0025	< 0.0020	2.78
	2/26/2026	0.36	130	290	0.46	7.20	180	1100	< 0.0010	< 0.0010	0.055	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.0065	< 0.630	< 0.0025	< 0.00040	7.01
	4/28/2026	0.39	120	240	0.44	7.37	^~ 130	960	< 0.0010	< 0.0010	0.044	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.0078	< 0.349	< 0.0025	< 0.00040	9.80

Notes: All units are in mg/L (milligrams/liter) with the exceptions of pH (standard units), Radium (pCi/L), and turbidity (Nephelometric Turbidity Units).
NA - Not analyzed. No confirmation resample required.
R - Resampled under federal rule.
F1 - MS and/or MSD Recovery outside of limits.
F2 - MS /MSD RPD exceeds control limits.
^+ or ^1+ - Continuing calibration verification is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #29, Joliet, 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	Selenium	Thallium	Turbidity
MW-03 downgradient	10/28/2015	0.34	110	230	0.41	7.11	110	960	< 0.0030	0.0015	0.10	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.41	< 0.0025	< 0.0020	NA
	2/10/2016	0.49	100	220	0.44	7.31	130	790	< 0.0030	0.0017	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0060	< 1.68	0.0045	< 0.0020	NA
	5/10/2016	0.48	95	240	0.44	7.07	130	800	< 0.0030	0.0011	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0062	< 0.326	0.0030	< 0.0020	NA
	8/31/2016	0.49	100	250	0.45	7.18	120	920	< 0.0030	0.0013	0.095	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0086	< 0.373	0.0051	< 0.0020	NA
	11/2/2016	0.34	87	190	0.44	7.45	94	780	< 0.0030	0.0019	0.082	< 0.0010	< 0.00050	0.0051	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0059	0.965	0.0032	< 0.0020	NA
	2/6/2017	0.40	97	140	0.39	7.35	77	720	< 0.0030	0.0019	0.093	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0066	< 0.356	0.0028	< 0.0020	NA
	4/26/2017	0.54	100	210	0.36	7.03	120	820	< 0.0030	0.0017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.0088	< 0.411	0.0052	< 0.0020	NA
	6/14/2017	0.45	88	190	0.44	7.43	75	760	< 0.0030	0.0014	0.09	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0072	< 0.358	0.0037	< 0.0020	NA
	8/2/2017	0.41	99	200	0.40	7.34	110	850	< 0.0030	0.0022	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0065	0.414	0.0050	< 0.0020	NA
	10/18/2017	0.35	93	160	0.42	7.11	100	850	< 0.0030	0.0015	0.088	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0055	< 0.417	0.0026	^ < 0.0020	NA
	4/24/2018	0.52	100	220	0.42	7.2	150	930	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/31/2018 R	NA	NA	NA	NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/17/2018	0.25	100	250	0.40	7.04	110	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/2019	0.43	120	280	0.40	7.27	140	880	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	NA	NA	NA	NA	NA	65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/7/2019	0.34	100	150	0.40	7.32	65	660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/20/2020	0.38	100	230	0.42	7.56	78	960	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/11/2020 R	NA	NA	NA	NA	NA	NA	930	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/2020	0.32	110	180	0.43	7.23	90	770	< 0.0030	0.0014	0.10	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	< 0.0050	NA	< 0.0025	< 0.0020	NA
	5/18/2021	0.28	130	290	0.40	7.13	190	1200	< 0.0030	0.0016	0.14	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.014	< 0.00020	< 0.0050	1.10	< 0.0025	< 0.0020	2.53
	6/29/2021 R	NA	NA	NA	NA	7.34	210	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.86
	8/30/2021	0.23	120	290	0.36	7.33	140	800	^+ < 0.0030	0.0018	0.12	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.012	< 0.00020	< 0.0050	0.641	< 0.0025	< 0.0020	5.70
	11/16/2021	0.30	130	280	0.37	7.11	150	1000	< 0.0030	0.0018	0.14	^1+ < 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	0.011	< 0.00020	< 0.0050	1.15	< 0.0025	< 0.0020	0.80
	3/3/2022	0.30	130	270	0.40	7.05	180	1300	< 0.0030	0.0019	0.14	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.012	< 0.00020	< 0.0050	< 0.672	< 0.0025	< 0.0020	0.00
	5/26/2022	0.39	120	280	0.41	6.98	160	1100	< 0.0030	0.0020	0.13	^+ < 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.557	0.0042	< 0.0020	4.26
	8/31/2022	0.23	110	270	0.39	6.25	130	1200	< 0.0030	0.0018	0.11	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.011	< 0.00020	< 0.0050	0.525	< 0.0025	< 0.0020	4.10
	11/9/2022	0.25	120	300	0.54	7.03	140	1100	< 0.0030	0.0020	0.12	< 0.0010	< 0.00050	< 0.0050	0.0015	^+ < 0.00050	0.012	< 0.00020	< 0.0050	< 0.536	< 0.0025	< 0.0020	32.60
	2/28/2023	0.30	120	280	0.37	7.06	160	1000	< 0.0030	0.0014	0.12	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	0.011	< 0.00020	< 0.0050	< 0.52	0.0033	< 0.0020	6.98
	5/3/2023	0.36	130	250	0.37	6.97	200	980	< 0.0030	0.0014	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	< 0.453	0.0028	< 0.0020	3.00
	7/20/2023	0.32	130	250	0.36	6.86	190	1000	< 0.0030	0.0013	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00072	0.010	< 0.00020	< 0.0050	< 0.523	< 0.0025	< 0.0020	5.90
	10/26/2023	0.31	130	300	0.40	6.93	170	1100	< 0.0030	0.0017	0.13	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.010	< 0.00020	< 0.0050	0.908	0.0028	< 0.0020	3.50
	1/23/2024	0.34	96	240	0.42	7.01	160	990	^1+ < 0.0030	0.0023	0.13	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0054	1.21	< 0.0025	< 0.0020	90.70
	5/22/2024	0.49	110	220	0.43	7.07	170	990	< 0.0030	0.0013	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0053	< 0.594	< 0.0050	< 0.0020	48.07
	7/30/2024	0.44	100	170	0.41	7.56	130	820	< 0.0030	0.0013	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	^1+ < 0.00050	0.011	< 0.00020	0.0052	< 0.577	0.0037	< 0.0020	8.94
	10/29/2024	0.40	110	180	0.39	7.38	130	1000	< 0.0030	0.0013	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.0050	< 0.529	0.0031	< 0.0020	4.82
	1/29/2025	0.37	F2 130	230	0.43	7.17	150	1000	F1 F2 < 0.0030	F1 F2 0.0014	F1 F2 0.12	1+ F1 F2 < 0.0010	F1 F2 < 0.00050	F1 F2 < 0.0050	F1 F2 < 0.0010	F1 F2 < 0.00050	F1 F2 0.013	< 0.00020	F1 F2 0.0055	0.537	F1 F2 < 0.0025	F1 F2 < 0.0020	68.25
	4/30/2025	0.44	130	280	0.40	7.23	160	1000	< 0.0030	0.0013	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.876	< 0.0025	< 0.0020	8.64
	8/7/2025	0.28	120	270	0.61	7.04	180	1200	< 0.0030	0.0011	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	< 0.0050	< 0.342	< 0.0025	< 0.0020	3.14
	11/6/2025	0.38	130	300	0.45	7.07	200	1100	< 0.0030	0.0013	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0050	0.744	0.0033	< 0.0020	1.85
	2/26/2026	0.35	120	270	0.46	7.24	170	990	< 0.0010	0.0013	0.12	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0051	0.664	< 0.0025	< 0.00040	34.36
	4/28/2026	0.54	130	310	0.43	7.45	^ 210	1200	< 0.0010	0.0012	0.13	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.0061	< 0.452	0.0064	< 0.00040	16.12

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

NA - Not analyzed. No confirmation resample required.

R - Resampled under federal rule.

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

F2 - MS /MSD RPD exceeds control limits.

^+ or ^1+ - Continuing calibration verification is outside acceptance limits, high biased.

DNYA - Data Not Yet Available

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #29, Joliet, 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	Selenium	Thallium	Turbidity
MW-04 downgradient	10/28/2015	0.34	94	F1 200	0.45	7.07	83	740	< 0.0030	0.0013	0.082	^ < 0.0010	< 0.00050	< 0.0050	0.0063	< 0.00050	0.013	< 0.00020	0.0065	0.741	< 0.0025	< 0.0020	NA
	2/10/2016	0.32	97	210	0.47	7.22	140	810	< 0.0030	0.0018	0.088	< 0.0010	< 0.00050	< 0.0050	0.0074	0.00062	0.011	< 0.00020	0.0063	< 1.52	< 0.0025	< 0.0020	NA
	5/10/2016	0.47	100	260	0.46	6.71	150	900	< 0.0030	0.0014	0.088	< 0.0010	< 0.00050	< 0.0050	0.0086	< 0.00050	0.012	< 0.00020	0.0088	< 0.365	< 0.0025	< 0.0020	NA
	8/31/2016	0.42	100	210	0.45	7.07	120	890	< 0.0030	0.0014	0.086	^ < 0.0010	< 0.00050	< 0.0050	0.0035	< 0.00050	0.011	< 0.00020	0.0083	0.432	< 0.0025	< 0.0020	NA
	11/2/2016	0.32	98	160	0.43	7.25	83	750	< 0.0030	0.0025	0.079	< 0.0010	< 0.00050	< 0.0050	0.010	0.0012	0.012	< 0.00020	0.0070	< 0.463	< 0.0025	< 0.0020	NA
	2/6/2017	0.40	110	200	0.37	7.19	98	790	< 0.0030	0.0015	0.100	< 0.0010	< 0.00050	< 0.0050	0.0160	< 0.00050	0.013	< 0.00020	0.0071	< 0.356	< 0.0025	< 0.0020	NA
	4/26/2017	0.33	100	220	0.37	7.46	89	770	< 0.0030	0.0021	0.095	< 0.0010	< 0.00050	< 0.0050	0.0078	0.00055	0.012	< 0.00020	0.0069	< 0.35	< 0.0025	< 0.0020	NA
	6/14/2017	0.37	92	190	0.47	7.45	80	770	< 0.0030	0.0013	0.078	< 0.0010	< 0.00050	< 0.0050	0.012	< 0.00050	0.013	< 0.00020	0.0085	< 0.309	< 0.0025	< 0.0020	NA
	8/2/2017	0.35	93	180	0.43	7.41	100	770	< 0.0030	0.0013	0.077	< 0.0010	< 0.00050	0.040	0.0031	< 0.00050	0.012	< 0.00020	0.0091	< 0.282	0.0029	< 0.0020	NA
	10/18/2017	0.54	97	140	0.45	7.20	120	790	< 0.0030	0.0019	0.082	^ < 0.0010	< 0.00050	< 0.0050	0.0046	0.00077	0.015	< 0.00020	0.0071	0.423	0.0030	^ < 0.0020	NA
	4/24/2018	0.40	110	240	0.43	7.21	160	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/31/2018 R	NA	NA	NA	NA	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/17/2018	0.29	100	230	0.45	7.20	130	840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/2019	0.76	120	340	0.42	7.27	120	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	0.23	NA	250	NA	NA	NA	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2019	0.30	77	140	0.41	7.33	53	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/20/2020	0.79	110	250	0.45	7.30	110	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/11/2020 R	0.28	NA	NA	NA	NA	NA	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/2020	0.33	100	190	0.48	7.15	83	770	< 0.0030	0.0015	0.089	^ < 0.0010	< 0.00050	< 0.0050	0.0082	< 0.00050	0.013	< 0.00020	0.0061	NA	< 0.0025	< 0.0020	NA
	5/18/2021	0.22	120	280	0.42	7.30	190	1100	< 0.0030	0.0019	0.12	< 0.0010	< 0.00050	< 0.0050	0.0037	< 0.00050	0.014	< 0.00020	< 0.0050	< 0.4450	< 0.0025	< 0.0020	2.52
	6/29/2021 R	NA	NA	NA	NA	7.36	190	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.34
	8/30/2021	0.33	120	330	0.40	7.46	170	1000	^+ < 0.0030	0.0016	0.12	< 0.0010	< 0.00050	< 0.0050	0.0034	< 0.00050	0.013	< 0.00020	0.0057	0.877	0.0030	< 0.0020	18.30
	11/16/2021	0.30	130	290	0.42	7.11	140	1000	< 0.0030	0.0021	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	0.0040	< 0.00050	0.011	< 0.00020	0.0059	0.892	< 0.0025	< 0.0020	4.20
	3/3/2022	0.31	120	220	0.42	7.11	170	1300	< 0.0030	0.0018	0.12	< 0.0010	< 0.00050	< 0.0050	0.0029	< 0.00050	0.012	< 0.00020	0.0056	< 0.437	< 0.0025	< 0.0020	0.00
	5/26/2022	0.26	110	290	0.44	6.94	150	1100	< 0.0030	0.0019	0.10	^+ < 0.0010	< 0.00050	< 0.0050	0.0036	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.624	< 0.0025	< 0.0020	1.23
	8/31/2022	0.32	120	240	0.45	6.38	150	870	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	0.012	< 0.00020	0.0055	0.804	< 0.0025	< 0.0020	3.78
	11/9/2022	0.34	120	240	0.61	7.08	150	940	< 0.0030	0.0021	0.11	< 0.0010	< 0.00050	< 0.0050	0.0030	^+ < 0.00050	0.012	< 0.00020	0.0056	0.666	< 0.0025	< 0.0020	43.50
	2/28/2023	0.34	120	280	0.40	7.16	150	1100	< 0.0030	0.0019	0.10	< 0.0010	< 0.00050	< 0.0050	0.0078	< 0.00050	0.011	< 0.00020	0.0058	< 0.593	< 0.0025	< 0.0020	62.10
	5/3/2023	0.28	110	290	0.40	6.97	160	1100	< 0.0030	0.0014	0.095	< 0.0010	< 0.00050	< 0.0050	0.0074	< 0.00050	0.011	< 0.00020	0.0051	< 0.488	< 0.0025	< 0.0020	6.30
	7/20/2023	0.37	120	240	0.41	7.02	180	970	< 0.0030	0.0018	0.10	< 0.0010	< 0.00050	< 0.0050	0.0025	< 0.00050	0.012	< 0.00020	< 0.0050	< 0.601	0.0027	< 0.0020	6.00
	10/26/2023	0.31	120	320	0.43	6.95	140	1100	< 0.0030	0.0016	0.094	< 0.0010	< 0.00050	< 0.0050	0.0063	< 0.00050	0.013	< 0.00020	0.0052	1.15	< 0.0025	< 0.0020	1.60
	1/23/2024	0.42	99	200	0.38	6.93	150	970	^1+ < 0.0030	0.002	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	0.0085	0.00051	0.018	< 0.00020	0.0056	< 0.649	< 0.0025	< 0.0020	80.10
	5/22/2024	0.39	110	200	0.41	7.12	120	910	< 0.0030	0.0016	0.077	< 0.0010	< 0.00050	< 0.0050	0.0091	0.00054	0.013	< 0.00020	0.0056	0.586	< 0.0025	< 0.0020	24.27
	7/30/2024	0.34	110	170	0.42	7.45	120	860	< 0.0030	0.0013	0.074	< 0.0010	< 0.00050	< 0.0050	0.0081	^1+ < 0.00050	0.013	< 0.00020	0.0057	< 0.471	< 0.0025	< 0.0020	5.04
	10/29/2024	0.38	120	190	0.43	7.32	120	980	< 0.0030	0.0013	0.078	< 0.0010	< 0.00050	< 0.0050	0.0095	< 0.00050	0.013	< 0.00020	0.0055	< 0.197	< 0.0025	< 0.0020	5.30
	1/29/2025	0.36	120	210	0.46	7.16	140	920	< 0.0030	0.0015	0.079	^1+ < 0.0010	< 0.00050	< 0.0050	0.013	< 0.00050	0.013	< 0.00020	0.0059	< 0.442	< 0.0025	< 0.0020	51.63
	4/30/2025	0.35	130	290	0.39	7.27	160	1000	< 0.0030	0.0012	0.091	< 0.0010	< 0.00050	< 0.0050	0.0079	< 0.00050	0.012	< 0.00020	0.0050	0.927	< 0.0025	< 0.0020	4.03
	8/7/2025	0.32	110	240	0.65	7.04	160	1100	< 0.0030	0.0011	0.084	< 0.0010	< 0.00050	< 0.0050	0.0026	< 0.00050	0.013	< 0.00020	< 0.0050	0.581	< 0.0025	< 0.0020	23.77
	11/6/2025	0.33	120	250	0.49	7.01	170	970	< 0.0030	0.0012	0.090	< 0.0010	< 0.00050	< 0.0050	0.0046	< 0.00050	0.014	< 0.00020	0.0062	< 0.679	< 0.0025	< 0.0020	3.22
	2/26/2026	0.33	130	300	0.46	7.27	170	1100	< 0.0010	0.0012	0.088	< 0.00040	< 0.00050	< 0.0050	0.014	< 0.00050	0.014	< 0.00020	0.0054	< 0.588	< 0.0025	< 0.00040	13.69
	4/28/2026	0.33	120	280	0.43	7.40	^ 130	1000	< 0.0010	0.0011	0.077	< 0.00040	< 0.00050	< 0.0050	0.0058	< 0.00050	0.014	< 0.00020	0.0052	< 0.0859	< 0.0025	< 0.00040	17.97

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

NA - Not analyzed. No confirmation resample required.

R - Resampled under federal rule.

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

F2 - MS /MSD RPD exceeds control limits.

^+ or ^1+ - Continuing calibration verification is outside acceptance limits, high biased.

DNYA - Data Not Yet Available

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #29, Joliet, 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	Selenium	Thallium	Turbidity
MW-05 downgradient	10/28/2015	0.64	100	160	0.39	7.12	120	790	< 0.0030	0.0011	0.057	^ < 0.0010	< 0.00050	< 0.0050	0.0013	< 0.00050	0.018	< 0.00020	0.0088	0.6231	0.0031	< 0.0020	NA
	2/10/2016	0.46	110	220	0.39	7.25	120	790	< 0.0030	0.0028	0.071	< 0.0010	< 0.00050	0.0062	0.0013	0.0022	< 0.020	< 0.00020	F1 0.0053	1.09	< 0.0025	< 0.0020	NA
	5/10/2016	0.80	150	220	0.46	6.88	290	950	< 0.0030	0.0023	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0022	0.014	< 0.00020	0.008	< 0.40	0.019	< 0.0020	NA
	8/31/2016	1.0	140	99	0.56	6.81	260	820	< 0.0030	< 0.0010	0.070	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.012	< 0.42	0.020	< 0.0020	NA
	11/2/2016	0.41	98	130	0.37	7.26	100	700	< 0.0030	0.0022	0.056	< 0.0010	< 0.00050	0.0051	< 0.0010	0.0017	0.015	< 0.00020	0.0061	0.438	< 0.0025	< 0.0020	NA
	2/6/2017	0.48	150	180	0.30	7.22	120	790	< 0.0030	0.0016	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0016	0.021	< 0.00020	< 0.0050	0.564	0.0029	< 0.0020	NA
	4/26/2017	0.67	110	F1 190	0.37	7.28	170	770	< 0.0030	0.0014	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00080	< 0.010	< 0.00020	0.0066	< 0.411	0.013	< 0.0020	NA
	6/14/2017	0.44	75	150	0.46	7.47	110	670	< 0.0030	0.0012	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0076	< 0.316	0.0029	< 0.0020	NA
	8/2/2017	0.28	83	170	0.35	7.30	99	770	< 0.0030	< 0.0010	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.0053	0.659	< 0.0025	< 0.0020	NA
	10/18/2017	0.42	110	110	0.38	7.16	95	720	< 0.0030	0.0020	0.067	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0023	0.018	< 0.00020	< 0.0050	< 0.371	0.0029	^ < 0.0020	NA
	4/24/2018	0.31	110	300	0.34	7.33	130	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/31/2018 R	NA	NA	NA	NA	NA	NA	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/17/2018	0.31	110	210	0.36	7.29	93	810	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2019	0.38	130	500	0.31	7.11	84	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	NA	NA	150	NA	NA	NA	890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/7/2019	0.31	180	130	0.30	7.44	64	590	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/4/2019 R	NA	89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/20/2020	0.32	100	270	0.37	7.03	67	890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/2020	0.52	92	180	0.38	7.16	85	720	< 0.0030	0.0012	0.069	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.0054	NA	0.0030	< 0.0020	NA
	5/18/2021	0.37	130	410	0.30	7.00	160	1300	< 0.0030	0.0015	0.1	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	< 0.0050	< 0.5970	< 0.0025	< 0.0020	5.20
	6/29/2021 R	NA	NA	430	NA	7.33	150	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.33
	8/27/2021	0.36	100	300	0.30	6.94	140	960	^+ < 0.0030	0.0014	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	0.528	0.0027	< 0.0020	8.70
	11/16/2021	0.44	120	260	0.30	7.08	140	970	< 0.0030	0.0016	0.079	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.0069	0.738	< 0.0025	< 0.0020	8.84
	3/3/2022	0.43	110	230	0.30	7.04	140	900	< 0.0030	0.0015	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	< 0.0050	0.514	< 0.0025	< 0.0020	3.25
	5/26/2022	0.55	120	320	0.31	6.86	140	1100	< 0.0030	0.0030	0.082	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0018	0.015	< 0.00020	< 0.0050	< 0.656	0.0029	< 0.0020	1.28
	8/31/2022	0.43	110	240	0.32	6.50	130	1100	< 0.0030	0.0015	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	< 0.0050	< 0.421	< 0.0025	< 0.0020	8.87
	11/9/2022	0.39	120	230	0.42	7.00	120	910	< 0.0030	0.0021	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00093	0.015	< 0.00020	< 0.0050	< 0.501	< 0.0025	< 0.0020	63.40
	2/28/2023	0.60	160	130	0.35	7.15	260	980	< 0.0030	0.0019	0.080	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00084	0.013	< 0.00020	0.011	< 0.685	0.022	< 0.0020	58.32
	3/23/2023 R	0.46	130	NA	NA	NA	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/3/2023	0.50	110	270	0.30	6.96	120	910	< 0.0030	< 0.0010	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	< 0.0050	< 0.604	0.0027	< 0.0020	2.50
	7/20/2023	0.45	110	240	0.30	6.94	120	900	< 0.0030	0.0011	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	< 0.0050	< 0.607	< 0.0025	< 0.0020	6.00
	10/26/2023	0.42	110	220	0.32	6.96	150	910	< 0.0030	0.0012	0.073	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.0050	1.16	0.0025	< 0.0020	1.10
	1/23/2024	0.49	110	210	0.29	6.93	210	1000	^1+ < 0.0030	0.0012	0.098	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.0050	0.779	< 0.0025	< 0.0020	7.12
	5/22/2024	0.58	110	260	0.34	7.07	180	1100	< 0.0030	< 0.0010	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	0.834	< 0.0025	< 0.0020	3.23
	7/30/2024	0.52	100	150	0.31	7.45	140	750	< 0.0030	< 0.0010	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	^1+ < 0.00050	0.014	< 0.00020	0.0051	< 0.488	0.0025	< 0.0020	2.46
	10/29/2024	0.48	100	150	0.32	7.34	150	840	< 0.0030	< 0.0010	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	< 0.19	< 0.0025	< 0.0020	17.59
	1/29/2025	0.50	120	180	0.34	7.16	170	920	< 0.0030	0.0012	0.083	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	< 0.0050	< 0.254	< 0.0025	< 0.0020	44.19
	4/30/2025	0.53	130	370	0.32	7.30	210	1300	< 0.0030	< 0.0010	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	< 0.0050	1.11	< 0.0025	< 0.0020	2.17
	8/7/2025	0.41	110	240	0.49	7.03	170	1100	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	< 0.0050	< 0.0455	< 0.0025	< 0.0020	3.51
	11/6/2025	0.51	95	200	0.37	7.04	150	890	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.0051	< 0.501	< 0.0025	< 0.0020	14.40
	2/26/2026	0.41	120	280	0.34	7.31	180	1000	< 0.0010	< 0.0010	0.087	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	< 0.0050	< 0.539	< 0.0025	< 0.00040	6.83
	4/28/2026	0.61	95	340	0.36	7.47	^~ 130	1100	< 0.0010	< 0.0010	0.064	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.0052	< 0.275	< 0.0025	< 0.00040	25.77

Notes: All units are in mg/L (milligrams/liter) with the exceptions of pH (standard units), Radium (pCi/L), and turbidity (Nephelometric Turbidity Units).
NA - Not analyzed. No confirmation resample required.
R - Resampled under federal rule.
F1 - MS and/or MSD Recovery outside of limits.
F2 - MS /MSD RPD exceeds control limits.
^+ or ^1+ - Continuing calibration verification is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/14/2026 3:11:55 PM

JOB DESCRIPTION

Joliet #29 CCR

JOB NUMBER

500-285446-1

Eurofins Chicago

Job Notes

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

Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	12
QC Association	13
QC Sample Results	16
Chain of Custody	20
Receipt Checklists	21
Chronicle	22
Field Data Sheets	25

Case Narrative

Client: Midwest Generation EME LLC
Project: Joliet #29 CCR

Job ID: 500-285446-1

Job ID: 500-285446-1

Eurofins Chicago

Job Narrative 500-285446-1

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 4/29/2026 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were -1.0°C and 2.0°C.

Metals

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

General Chemistry

Method SM 4500 Cl- E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-864490 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM 4500 SO4 E: CCVL failed low at 74% Recovery. The associated samples have results above the CCVL. Data has been reported as Primary. MW-03 (500-285446-1), MW-04 (500-285446-2), MW-05 (500-285446-3), MW-10 (500-285446-4) and Duplicate (500-285446-5)

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

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 Cl- E	Chloride, Total	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
SM 4500 SO4 E	Sulfate, Total	SM	EET CHI
Field Sampling	Field Sampling	EPA	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-285446-1	MW-03	Water	04/28/26 09:45	04/29/26 09:55	Illinois
500-285446-2	MW-04	Water	04/28/26 11:01	04/29/26 09:55	Illinois
500-285446-3	MW-05	Water	04/28/26 12:06	04/29/26 09:55	Illinois
500-285446-4	MW-10	Water	04/28/26 13:59	04/29/26 09:55	Illinois
500-285446-5	Duplicate	Water	04/28/26 00:00	04/29/26 09:55	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-03

Lab Sample ID: 500-285446-1

Date Collected: 04/28/26 09:45

Matrix: Water

Date Received: 04/29/26 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:27	1
Arsenic	1.2		1.0		ug/L		05/06/26 09:04	05/08/26 19:27	1
Barium	130		2.5		ug/L		05/06/26 09:04	05/08/26 19:27	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:27	1
Boron	540		50		ug/L		05/06/26 09:04	05/12/26 12:21	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:27	1
Calcium	130		0.20		mg/L		05/06/26 09:04	05/08/26 19:27	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:27	1
Cobalt	<1.0		1.0		ug/L		05/06/26 09:04	05/11/26 17:31	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:27	1
Lithium	12		10		ug/L		05/06/26 09:04	05/08/26 19:27	1
Molybdenum	6.1		5.0		ug/L		05/06/26 09:04	05/08/26 19:27	1
Selenium	6.4		2.5		ug/L		05/06/26 09:04	05/08/26 19:27	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1200		10		mg/L			05/01/26 07:20	1
Chloride (SM 4500 Cl- E)	310		20		mg/L			05/03/26 11:47	10
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			05/06/26 17:33	1
Sulfate (SM 4500 SO4 E)	210	^	5.0		mg/L			05/10/26 10:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.45				SU			04/28/26 09:45	1
Field Temperature	53.4				Degrees F			04/28/26 09:45	1
Groundwater Elevation	506.38				ft			04/28/26 09:45	1
Oxidation Reduction Potential	261.1				millivolts			04/28/26 09:45	1
Oxygen, Dissolved	8.13				mg/L			04/28/26 09:45	1
Specific Conductance	1.470				mS/cm			04/28/26 09:45	1
Turbidity	16.12				NTU			04/28/26 09:45	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-04

Lab Sample ID: 500-285446-2

Date Collected: 04/28/26 11:01

Matrix: Water

Date Received: 04/29/26 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:30	1
Arsenic	1.1		1.0		ug/L		05/06/26 09:04	05/08/26 19:30	1
Barium	77		2.5		ug/L		05/06/26 09:04	05/08/26 19:30	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:30	1
Boron	330		50		ug/L		05/06/26 09:04	05/12/26 12:24	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:30	1
Calcium	120		0.20		mg/L		05/06/26 09:04	05/08/26 19:30	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:30	1
Cobalt	5.8		1.0		ug/L		05/06/26 09:04	05/11/26 17:34	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:30	1
Lithium	14		10		ug/L		05/06/26 09:04	05/08/26 19:30	1
Molybdenum	5.2		5.0		ug/L		05/06/26 09:04	05/08/26 19:30	1
Selenium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:30	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			05/01/26 07:22	1
Chloride (SM 4500 Cl- E)	280		20		mg/L			05/03/26 11:45	10
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			05/06/26 17:37	1
Sulfate (SM 4500 SO4 E)	130	^	5.0		mg/L			05/10/26 10:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.40				SU			04/28/26 11:01	1
Field Temperature	54.5				Degrees F			04/28/26 11:01	1
Groundwater Elevation	506.30				ft			04/28/26 11:01	1
Oxidation Reduction Potential	281.6				millivolts			04/28/26 11:01	1
Oxygen, Dissolved	8.42				mg/L			04/28/26 11:01	1
Specific Conductance	1.393				mS/cm			04/28/26 11:01	1
Turbidity	17.97				NTU			04/28/26 11:01	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-05

Lab Sample ID: 500-285446-3

Date Collected: 04/28/26 12:06

Matrix: Water

Date Received: 04/29/26 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:41	1
Arsenic	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:41	1
Barium	64		2.5		ug/L		05/06/26 09:04	05/08/26 19:41	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/11/26 17:36	1
Boron	610		50		ug/L		05/06/26 09:04	05/12/26 12:38	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:41	1
Calcium	95		0.20		mg/L		05/06/26 09:04	05/08/26 19:41	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:41	1
Cobalt	<1.0		1.0		ug/L		05/06/26 09:04	05/11/26 17:36	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:41	1
Lithium	16		10		ug/L		05/06/26 09:04	05/08/26 19:41	1
Molybdenum	5.2		5.0		ug/L		05/06/26 09:04	05/08/26 19:41	1
Selenium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:41	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			05/01/26 07:25	1
Chloride (SM 4500 Cl- E)	340		20		mg/L			05/03/26 11:45	10
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			05/06/26 17:40	1
Sulfate (SM 4500 SO4 E)	130	^	5.0		mg/L			05/10/26 10:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.47				SU			04/28/26 12:06	1
Field Temperature	55.9				Degrees F			04/28/26 12:06	1
Groundwater Elevation	505.87				ft			04/28/26 12:06	1
Oxidation Reduction Potential	292.7				millivolts			04/28/26 12:06	1
Oxygen, Dissolved	8.02				mg/L			04/28/26 12:06	1
Specific Conductance	1.462				mS/cm			04/28/26 12:06	1
Turbidity	25.77				NTU			04/28/26 12:06	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-10

Lab Sample ID: 500-285446-4

Date Collected: 04/28/26 13:59

Matrix: Water

Date Received: 04/29/26 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:44	1
Arsenic	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:44	1
Barium	44		2.5		ug/L		05/06/26 09:04	05/08/26 19:44	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/11/26 17:39	1
Boron	390		50		ug/L		05/06/26 09:04	05/12/26 12:41	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:44	1
Calcium	120		0.20		mg/L		05/06/26 09:04	05/08/26 19:44	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:44	1
Cobalt	<1.0		1.0		ug/L		05/06/26 09:04	05/11/26 17:39	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:44	1
Lithium	14		10		ug/L		05/06/26 09:04	05/08/26 19:44	1
Molybdenum	7.8		5.0		ug/L		05/06/26 09:04	05/08/26 19:44	1
Selenium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:44	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			05/01/26 07:27	1
Chloride (SM 4500 Cl- E)	240		20		mg/L			05/03/26 11:46	10
Fluoride (SM 4500 F C)	0.44		0.10		mg/L			05/06/26 17:43	1
Sulfate (SM 4500 SO4 E)	130	^	5.0		mg/L			05/10/26 10:21	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			04/28/26 13:59	1
Field Temperature	54.7				Degrees F			04/28/26 13:59	1
Groundwater Elevation	506.44				ft			04/28/26 13:59	1
Oxidation Reduction Potential	330.3				millivolts			04/28/26 13:59	1
Oxygen, Dissolved	9.02				mg/L			04/28/26 13:59	1
Specific Conductance	1.281				mS/cm			04/28/26 13:59	1
Turbidity	9.80				NTU			04/28/26 13:59	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: Duplicate

Lab Sample ID: 500-285446-5

Date Collected: 04/28/26 00:00

Matrix: Water

Date Received: 04/29/26 09:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:47	1
Arsenic	1.1		1.0		ug/L		05/06/26 09:04	05/08/26 19:47	1
Barium	73		2.5		ug/L		05/06/26 09:04	05/08/26 19:47	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/11/26 17:42	1
Boron	320		50		ug/L		05/06/26 09:04	05/12/26 12:44	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:47	1
Calcium	110		0.20		mg/L		05/06/26 09:04	05/08/26 19:47	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:47	1
Cobalt	5.7		1.0		ug/L		05/06/26 09:04	05/11/26 17:42	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:47	1
Lithium	13		10		ug/L		05/06/26 09:04	05/08/26 19:47	1
Molybdenum	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:47	1
Selenium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:47	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			05/01/26 07:30	1
Chloride (SM 4500 Cl- E)	280		20		mg/L			05/03/26 11:46	10
Fluoride (SM 4500 F C)	0.42		0.10		mg/L			05/06/26 17:50	1
Sulfate (SM 4500 SO4 E)	130	^	5.0		mg/L			05/10/26 10:21	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
^~	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Metals

Prep Batch: 864999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total Recoverable	Water	3005A	
500-285446-2	MW-04	Total Recoverable	Water	3005A	
500-285446-3	MW-05	Total Recoverable	Water	3005A	
500-285446-4	MW-10	Total Recoverable	Water	3005A	
500-285446-5	Duplicate	Total Recoverable	Water	3005A	
MB 500-864999/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-864999/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 865654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total Recoverable	Water	6020B	864999
500-285446-2	MW-04	Total Recoverable	Water	6020B	864999
500-285446-3	MW-05	Total Recoverable	Water	6020B	864999
500-285446-4	MW-10	Total Recoverable	Water	6020B	864999
500-285446-5	Duplicate	Total Recoverable	Water	6020B	864999
MB 500-864999/1-A	Method Blank	Total Recoverable	Water	6020B	864999
LCS 500-864999/2-A	Lab Control Sample	Total Recoverable	Water	6020B	864999

Prep Batch: 865872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	7470A	
500-285446-2	MW-04	Total/NA	Water	7470A	
500-285446-3	MW-05	Total/NA	Water	7470A	
500-285446-4	MW-10	Total/NA	Water	7470A	
500-285446-5	Duplicate	Total/NA	Water	7470A	
MB 500-865872/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-865872/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-285446-5 MS	Duplicate	Total/NA	Water	7470A	
500-285446-5 MSD	Duplicate	Total/NA	Water	7470A	
500-285446-5 DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 865914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total Recoverable	Water	6020B	864999
500-285446-2	MW-04	Total Recoverable	Water	6020B	864999
500-285446-3	MW-05	Total Recoverable	Water	6020B	864999
500-285446-4	MW-10	Total Recoverable	Water	6020B	864999
500-285446-5	Duplicate	Total Recoverable	Water	6020B	864999
MB 500-864999/1-A	Method Blank	Total Recoverable	Water	6020B	864999
LCS 500-864999/2-A	Lab Control Sample	Total Recoverable	Water	6020B	864999

Analysis Batch: 866000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total Recoverable	Water	6020B	864999
500-285446-2	MW-04	Total Recoverable	Water	6020B	864999
500-285446-3	MW-05	Total Recoverable	Water	6020B	864999
500-285446-4	MW-10	Total Recoverable	Water	6020B	864999
500-285446-5	Duplicate	Total Recoverable	Water	6020B	864999

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Metals

Analysis Batch: 866306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	7470A	865872
500-285446-2	MW-04	Total/NA	Water	7470A	865872
500-285446-3	MW-05	Total/NA	Water	7470A	865872
500-285446-4	MW-10	Total/NA	Water	7470A	865872
500-285446-5	Duplicate	Total/NA	Water	7470A	865872
MB 500-865872/12-A	Method Blank	Total/NA	Water	7470A	865872
LCS 500-865872/13-A	Lab Control Sample	Total/NA	Water	7470A	865872
500-285446-5 MS	Duplicate	Total/NA	Water	7470A	865872
500-285446-5 MSD	Duplicate	Total/NA	Water	7470A	865872
500-285446-5 DU	Duplicate	Total/NA	Water	7470A	865872

General Chemistry

Analysis Batch: 864239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	SM 2540C	
500-285446-2	MW-04	Total/NA	Water	SM 2540C	
500-285446-3	MW-05	Total/NA	Water	SM 2540C	
500-285446-4	MW-10	Total/NA	Water	SM 2540C	
500-285446-5	Duplicate	Total/NA	Water	SM 2540C	
MB 500-864239/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-864239/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 864490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-285446-2	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-285446-3	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-285446-4	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-285446-5	Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 500-864490/3	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-864490/4	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-285446-1 MS	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-285446-1 MSD	MW-03	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 865153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	SM 4500 F C	
500-285446-2	MW-04	Total/NA	Water	SM 4500 F C	
500-285446-3	MW-05	Total/NA	Water	SM 4500 F C	
500-285446-4	MW-10	Total/NA	Water	SM 4500 F C	
500-285446-5	Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-865153/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-865153/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 865626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-285446-2	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-285446-3	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-285446-4	MW-10	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

General Chemistry (Continued)

Analysis Batch: 865626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-5	Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-865626/11	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-865626/12	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 866555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	Field Sampling	
500-285446-2	MW-04	Total/NA	Water	Field Sampling	
500-285446-3	MW-05	Total/NA	Water	Field Sampling	
500-285446-4	MW-10	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-864999/1-A

Matrix: Water

Analysis Batch: 865654

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 864999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:22	1
Arsenic	<1.0		1.0		ug/L		05/06/26 09:04	05/08/26 19:22	1
Barium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:22	1
Beryllium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:22	1
Cadmium	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:22	1
Calcium	<0.20		0.20		mg/L		05/06/26 09:04	05/08/26 19:22	1
Chromium	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:22	1
Lead	<0.50		0.50		ug/L		05/06/26 09:04	05/08/26 19:22	1
Lithium	<10		10		ug/L		05/06/26 09:04	05/08/26 19:22	1
Molybdenum	<5.0		5.0		ug/L		05/06/26 09:04	05/08/26 19:22	1
Selenium	<2.5		2.5		ug/L		05/06/26 09:04	05/08/26 19:22	1
Thallium	<0.40		0.40		ug/L		05/06/26 09:04	05/08/26 19:22	1

Lab Sample ID: MB 500-864999/1-A

Matrix: Water

Analysis Batch: 865914

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 864999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		05/06/26 09:04	05/11/26 16:47	1
Cobalt	<1.0		1.0		ug/L		05/06/26 09:04	05/11/26 16:47	1

Lab Sample ID: LCS 500-864999/2-A

Matrix: Water

Analysis Batch: 865654

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 864999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	539		ug/L		108	80 - 120
Arsenic	100	95.3		ug/L		95	80 - 120
Barium	500	496		ug/L		99	80 - 120
Beryllium	50.0	45.9		ug/L		92	80 - 120
Cadmium	50.0	51.7		ug/L		103	80 - 120
Calcium	10.0	8.88		mg/L		89	80 - 120
Chromium	200	205		ug/L		103	80 - 120
Lead	100	99.2		ug/L		99	80 - 120
Lithium	100	109		ug/L		109	80 - 120
Molybdenum	1000	997		ug/L		100	80 - 120
Selenium	100	102		ug/L		102	80 - 120
Thallium	100	105		ug/L		105	80 - 120

Lab Sample ID: LCS 500-864999/2-A

Matrix: Water

Analysis Batch: 865914

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 864999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	1060		ug/L		106	80 - 120
Cobalt	500	531		ug/L		106	80 - 120

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-865872/12-A
Matrix: Water
Analysis Batch: 866306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 865872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/12/26 06:05	05/13/26 08:39	1

Lab Sample ID: LCS 500-865872/13-A
Matrix: Water
Analysis Batch: 866306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 865872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.01		ug/L		101	80 - 120

Lab Sample ID: 500-285446-5 MS
Matrix: Water
Analysis Batch: 866306

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 865872

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.20		1.00	0.946		ug/L		95	75 - 125

Lab Sample ID: 500-285446-5 MSD
Matrix: Water
Analysis Batch: 866306

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 865872

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	0.954		ug/L		95	75 - 125	1	20

Lab Sample ID: 500-285446-5 DU
Matrix: Water
Analysis Batch: 866306

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 865872

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.20		<0.20		ug/L		NC	20

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

Lab Sample ID: MB 500-864239/1
Matrix: Water
Analysis Batch: 864239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/01/26 06:31	1

Lab Sample ID: LCS 500-864239/2
Matrix: Water
Analysis Batch: 864239

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	240		mg/L		96	80 - 120

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-864490/3

Matrix: Water

Analysis Batch: 864490

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/03/26 11:12	1

Lab Sample ID: LCS 500-864490/4

Matrix: Water

Analysis Batch: 864490

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	51.5		mg/L		103	85 - 115

Lab Sample ID: 500-285446-1 MS

Matrix: Water

Analysis Batch: 864490

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	310		50.0	332	4	mg/L		50	75 - 125

Lab Sample ID: 500-285446-1 MSD

Matrix: Water

Analysis Batch: 864490

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	310		50.0	350	4	mg/L		86	75 - 125	5	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-865153/31

Matrix: Water

Analysis Batch: 865153

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/06/26 16:52	1

Lab Sample ID: LCS 500-865153/32

Matrix: Water

Analysis Batch: 865153

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.2		mg/L		102	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-865626/11

Matrix: Water

Analysis Batch: 865626

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/10/26 09:50	1

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 500-865626/12				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 865626							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.0		mg/L		105	88 - 123

Environment Testing

Ver. 10/10/2024/2026

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-285446-1

Login Number: 285446

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0,-1.0 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

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Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-03

Lab Sample ID: 500-285446-1

Date Collected: 04/28/26 09:45

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	866000	S1Z	EET CHI	05/12/26 12:21
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865654	RN	EET CHI	05/08/26 19:27
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865914	S1Z	EET CHI	05/11/26 17:31
Total/NA	Prep	7470A			865872	MJG	EET CHI	05/12/26 06:05 - 05/12/26 08:05 ¹
Total/NA	Analysis	7470A		1	866306	MJG	EET CHI	05/13/26 09:57
Total/NA	Analysis	SM 2540C		1	864239	CLB	EET CHI	05/01/26 07:20
Total/NA	Analysis	SM 4500 Cl- E		10	864490	TR	EET CHI	05/03/26 11:47
Total/NA	Analysis	SM 4500 F C		1	865153	AC	EET CHI	05/06/26 17:33
Total/NA	Analysis	SM 4500 SO4 E		1	865626	TR	EET CHI	05/10/26 10:19
Total/NA	Analysis	Field Sampling		1	866555	DN	EET CHI	04/28/26 09:45

Client Sample ID: MW-04

Lab Sample ID: 500-285446-2

Date Collected: 04/28/26 11:01

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	866000	S1Z	EET CHI	05/12/26 12:24
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865654	RN	EET CHI	05/08/26 19:30
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865914	S1Z	EET CHI	05/11/26 17:34
Total/NA	Prep	7470A			865872	MJG	EET CHI	05/12/26 06:05 - 05/12/26 08:05 ¹
Total/NA	Analysis	7470A		1	866306	MJG	EET CHI	05/13/26 09:59
Total/NA	Analysis	SM 2540C		1	864239	CLB	EET CHI	05/01/26 07:22
Total/NA	Analysis	SM 4500 Cl- E		10	864490	TR	EET CHI	05/03/26 11:45
Total/NA	Analysis	SM 4500 F C		1	865153	AC	EET CHI	05/06/26 17:37
Total/NA	Analysis	SM 4500 SO4 E		1	865626	TR	EET CHI	05/10/26 10:20
Total/NA	Analysis	Field Sampling		1	866555	DN	EET CHI	04/28/26 11:01

Client Sample ID: MW-05

Lab Sample ID: 500-285446-3

Date Collected: 04/28/26 12:06

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	866000	S1Z	EET CHI	05/12/26 12:38
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865654	RN	EET CHI	05/08/26 19:41
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865914	S1Z	EET CHI	05/11/26 17:36

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Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: MW-05

Lab Sample ID: 500-285446-3

Date Collected: 04/28/26 12:06

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			865872	MJG	EET CHI	05/12/26 06:05 - 05/12/26 08:05 ¹
Total/NA	Analysis	7470A		1	866306	MJG	EET CHI	05/13/26 10:09
Total/NA	Analysis	SM 2540C		1	864239	CLB	EET CHI	05/01/26 07:25
Total/NA	Analysis	SM 4500 Cl- E		10	864490	TR	EET CHI	05/03/26 11:45
Total/NA	Analysis	SM 4500 F C		1	865153	AC	EET CHI	05/06/26 17:40
Total/NA	Analysis	SM 4500 SO4 E		1	865626	TR	EET CHI	05/10/26 10:20
Total/NA	Analysis	Field Sampling		1	866555	DN	EET CHI	04/28/26 12:06

Client Sample ID: MW-10

Lab Sample ID: 500-285446-4

Date Collected: 04/28/26 13:59

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	866000	S1Z	EET CHI	05/12/26 12:41
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865654	RN	EET CHI	05/08/26 19:44
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865914	S1Z	EET CHI	05/11/26 17:39
Total/NA	Prep	7470A			865872	MJG	EET CHI	05/12/26 06:05 - 05/12/26 08:05 ¹
Total/NA	Analysis	7470A		1	866306	MJG	EET CHI	05/13/26 10:11
Total/NA	Analysis	SM 2540C		1	864239	CLB	EET CHI	05/01/26 07:27
Total/NA	Analysis	SM 4500 Cl- E		10	864490	TR	EET CHI	05/03/26 11:46
Total/NA	Analysis	SM 4500 F C		1	865153	AC	EET CHI	05/06/26 17:43
Total/NA	Analysis	SM 4500 SO4 E		1	865626	TR	EET CHI	05/10/26 10:21
Total/NA	Analysis	Field Sampling		1	866555	DN	EET CHI	04/28/26 13:59

Client Sample ID: Duplicate

Lab Sample ID: 500-285446-5

Date Collected: 04/28/26 00:00

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	866000	S1Z	EET CHI	05/12/26 12:44
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865654	RN	EET CHI	05/08/26 19:47
Total Recoverable	Prep	3005A			864999	BDE	EET CHI	05/06/26 09:04 - 05/06/26 15:04 ¹
Total Recoverable	Analysis	6020B		1	865914	S1Z	EET CHI	05/11/26 17:42
Total/NA	Prep	7470A			865872	MJG	EET CHI	05/12/26 06:05 - 05/12/26 08:05 ¹
Total/NA	Analysis	7470A		1	866306	MJG	EET CHI	05/13/26 10:13
Total/NA	Analysis	SM 2540C		1	864239	CLB	EET CHI	05/01/26 07:30
Total/NA	Analysis	SM 4500 Cl- E		10	864490	TR	EET CHI	05/03/26 11:46
Total/NA	Analysis	SM 4500 F C		1	865153	AC	EET CHI	05/06/26 17:50

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Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR

Job ID: 500-285446-1

Client Sample ID: Duplicate
Date Collected: 04/28/26 00:00
Date Received: 04/29/26 09:55

Lab Sample ID: 500-285446-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		1	865626	TR	EET CHI	05/10/26 10:21

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

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

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Parameter Well	MW-03	MW-04	MW-05	MW-10
Field pH	7.45	7.40	7.47	7.37
Field Temp (deg C)	11.9	12.5	13.3	12.6
Field Specific Conductance (mS/cm)	1.470	1.393	1.462	1.281
Dissolved Oxygen (mg/L)	8.13	8.42	8.02	9.02
Field Turbidity NTU	16.12	17.97	25.77	9.80
ORP (mV)	261.1	281.6	292.7	330.3
Groundwater Elevation (ft)	506.38	506.30	505.87	506.44
Description	Clear	Clear	Clear	Clear
Sampling Method	Dedicated Bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/28/2026 4:43:01 PM

JOB DESCRIPTION

Joliet #29 CCR (RAD)

JOB NUMBER

500-285446-2

Eurofins Chicago

Job Notes

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

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

Authorization



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5/28/2026 4:43:01 PM

Authorized for release by
Diana Mockler, Project Manager I
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(219)252-7570

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	12
QC Association	13
QC Sample Results	14
Chain of Custody	15
Receipt Checklists	17
Chronicle	19
Tracer Carrier Summary	21



Case Narrative

Client: Midwest Generation EME LLC
Project: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Job ID: 500-285446-2

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Job Narrative 500-285446-2

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 4/29/2026 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were -1.0°C and 2.0°C.

Gas Flow Proportional Counter

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

Rad

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

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Method Summary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

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	Lab SOP	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
Lab SOP = Laboratory Standard Operating Procedure
None = None

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: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-285446-1	MW-03	Water	04/28/26 09:45	04/29/26 09:55	Illinois
500-285446-2	MW-04	Water	04/28/26 11:01	04/29/26 09:55	Illinois
500-285446-3	MW-05	Water	04/28/26 12:06	04/29/26 09:55	Illinois
500-285446-4	MW-10	Water	04/28/26 13:59	04/29/26 09:55	Illinois
500-285446-5	Duplicate	Water	04/28/26 00:00	04/29/26 09:55	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: MW-03

Lab Sample ID: 500-285446-1

Date Collected: 04/28/26 09:45

Matrix: Water

Date Received: 04/29/26 09:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0947	U	0.101	0.101	1.00	0.158	pCi/L	05/05/26 09:12	05/27/26 18:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					05/05/26 09:12	05/27/26 18:18	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	0.357	U	0.348	0.350	1.00	0.558	pCi/L	05/05/26 09:22	05/26/26 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					05/05/26 09:22	05/26/26 14:08	1
Y Carrier	84.9		30 - 110					05/05/26 09:22	05/26/26 14:08	1

Method: Lab SOP 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	0.452	U	0.362	0.364	5.00	0.558	pCi/L		05/28/26 16:34	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: MW-04

Lab Sample ID: 500-285446-2

Date Collected: 04/28/26 11:01

Matrix: Water

Date Received: 04/29/26 09:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0593	U	0.0975	0.0976	1.00	0.171	pCi/L	05/05/26 09:12	05/27/26 18:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					05/05/26 09:12	05/27/26 18:19	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	0.0266	U	0.284	0.284	1.00	0.523	pCi/L	05/05/26 09:22	05/26/26 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					05/05/26 09:22	05/26/26 14:08	1
Y Carrier	87.1		30 - 110					05/05/26 09:22	05/26/26 14:08	1

Method: Lab SOP 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	0.0859	U	0.300	0.300	5.00	0.523	pCi/L		05/28/26 16:34	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: MW-05

Lab Sample ID: 500-285446-3

Date Collected: 04/28/26 12:06

Matrix: Water

Date Received: 04/29/26 09:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0450	U	0.0865	0.0866	1.00	0.157	pCi/L	05/05/26 09:12	05/27/26 18:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					05/05/26 09:12	05/27/26 18:18	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	0.230	U	0.326	0.326	1.00	0.549	pCi/L	05/05/26 09:22	05/26/26 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					05/05/26 09:22	05/26/26 14:08	1
Y Carrier	77.0		30 - 110					05/05/26 09:22	05/26/26 14:08	1

Method: Lab SOP 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	0.275	U	0.337	0.337	5.00	0.549	pCi/L		05/28/26 16:34	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: MW-10

Lab Sample ID: 500-285446-4

Date Collected: 04/28/26 13:59

Matrix: Water

Date Received: 04/29/26 09:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.130	U	0.129	0.130	1.00	0.203	pCi/L	05/05/26 09:12	05/27/26 18:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					05/05/26 09:12	05/27/26 18:18	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	0.219	U	0.319	0.320	1.00	0.539	pCi/L	05/05/26 09:22	05/26/26 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					05/05/26 09:22	05/26/26 14:08	1
Y Carrier	80.0		30 - 110					05/05/26 09:22	05/26/26 14:08	1

Method: Lab SOP 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	0.349	U	0.344	0.345	5.00	0.539	pCi/L		05/28/26 16:34	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: Duplicate

Lab Sample ID: 500-285446-5

Date Collected: 04/28/26 00:00

Matrix: Water

Date Received: 04/29/26 09:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0416	U	0.110	0.110	1.00	0.237	pCi/L	05/05/26 09:12	05/27/26 18:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.9		30 - 110					05/05/26 09:12	05/27/26 18:15	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	0.695		0.389	0.394	1.00	0.554	pCi/L	05/05/26 09:22	05/26/26 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.9		30 - 110					05/05/26 09:22	05/26/26 14:08	1
Y Carrier	80.7		30 - 110					05/05/26 09:22	05/26/26 14:08	1

Method: Lab SOP 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	0.653		0.404	0.409	5.00	0.554	pCi/L		05/28/26 16:34	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

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: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Rad

Prep Batch: 769265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	PrecSep-21	
500-285446-2	MW-04	Total/NA	Water	PrecSep-21	
500-285446-3	MW-05	Total/NA	Water	PrecSep-21	
500-285446-4	MW-10	Total/NA	Water	PrecSep-21	
500-285446-5	Duplicate	Total/NA	Water	PrecSep-21	
MB 160-769265/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-769265/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 769268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285446-1	MW-03	Total/NA	Water	PrecSep_0	
500-285446-2	MW-04	Total/NA	Water	PrecSep_0	
500-285446-3	MW-05	Total/NA	Water	PrecSep_0	
500-285446-4	MW-10	Total/NA	Water	PrecSep_0	
500-285446-5	Duplicate	Total/NA	Water	PrecSep_0	
MB 160-769268/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-769268/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-769265/1-A

Matrix: Water

Analysis Batch: 773056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 769265

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.02090	U	0.0736	0.0736	1.00	0.169	pCi/L	05/05/26 09:12	05/27/26 18:18	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.0		30 - 110					05/05/26 09:12	05/27/26 18:18	1

Lab Sample ID: LCS 160-769265/2-A

Matrix: Water

Analysis Batch: 773056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 769265

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.368		1.00	1.00	0.182	pCi/L	87	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	91.1		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-769268/1-A

Matrix: Water

Analysis Batch: 772845

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 769268

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5952	U	0.451	0.455	1.00	0.703	pCi/L	05/05/26 09:22	05/26/26 14:05	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.0		30 - 110					05/05/26 09:22	05/26/26 14:05	1
Y Carrier	81.1		30 - 110					05/05/26 09:22	05/26/26 14:05	1

Lab Sample ID: LCS 160-769268/2-A

Matrix: Water

Analysis Batch: 772845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 769268

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.12	10.40		1.45	1.00	0.733	pCi/L	114	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	91.1		30 - 110							
Y Carrier	80.7		30 - 110							

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-285446-2

Login Number: 285446

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0,-1.0 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-285446-2

Login Number: 285446

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 04/30/26 01:26 PM

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

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

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: MW-03

Lab Sample ID: 500-285446-1

Date Collected: 04/28/26 09:45

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			769265	VLQ	EET SL	05/05/26 09:12
Total/NA	Analysis	903.0		1	773056	SWS	EET SL	05/27/26 18:18
Total/NA	Prep	PrecSep_0			769268	VLQ	EET SL	05/05/26 09:22
Total/NA	Analysis	904.0		1	772846	SWS	EET SL	05/26/26 14:08
Total/NA	Analysis	Ra226_Ra228		1	773070	EMH	EET SL	05/28/26 16:34

Client Sample ID: MW-04

Lab Sample ID: 500-285446-2

Date Collected: 04/28/26 11:01

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			769265	VLQ	EET SL	05/05/26 09:12
Total/NA	Analysis	903.0		1	773056	SWS	EET SL	05/27/26 18:19
Total/NA	Prep	PrecSep_0			769268	VLQ	EET SL	05/05/26 09:22
Total/NA	Analysis	904.0		1	772846	SWS	EET SL	05/26/26 14:08
Total/NA	Analysis	Ra226_Ra228		1	773070	EMH	EET SL	05/28/26 16:34

Client Sample ID: MW-05

Lab Sample ID: 500-285446-3

Date Collected: 04/28/26 12:06

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			769265	VLQ	EET SL	05/05/26 09:12
Total/NA	Analysis	903.0		1	773056	SWS	EET SL	05/27/26 18:18
Total/NA	Prep	PrecSep_0			769268	VLQ	EET SL	05/05/26 09:22
Total/NA	Analysis	904.0		1	772846	SWS	EET SL	05/26/26 14:08
Total/NA	Analysis	Ra226_Ra228		1	773070	EMH	EET SL	05/28/26 16:34

Client Sample ID: MW-10

Lab Sample ID: 500-285446-4

Date Collected: 04/28/26 13:59

Matrix: Water

Date Received: 04/29/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			769265	VLQ	EET SL	05/05/26 09:12
Total/NA	Analysis	903.0		1	773056	SWS	EET SL	05/27/26 18:18
Total/NA	Prep	PrecSep_0			769268	VLQ	EET SL	05/05/26 09:22
Total/NA	Analysis	904.0		1	772846	SWS	EET SL	05/26/26 14:08
Total/NA	Analysis	Ra226_Ra228		1	773070	EMH	EET SL	05/28/26 16:34

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Client Sample ID: Duplicate
Date Collected: 04/28/26 00:00
Date Received: 04/29/26 09:55

Lab Sample ID: 500-285446-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			769265	VLQ	EET SL	05/05/26 09:12
Total/NA	Analysis	903.0		1	773056	SWS	EET SL	05/27/26 18:15
Total/NA	Prep	PrecSep_0			769268	VLQ	EET SL	05/05/26 09:22
Total/NA	Analysis	904.0		1	772846	SWS	EET SL	05/26/26 14:08
Total/NA	Analysis	Ra226_Ra228		1	773070	EMH	EET SL	05/28/26 16:34

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: Joliet #29 CCR (RAD)

Job ID: 500-285446-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba					
		(30-110)					
500-285446-1	MW-03	87.0					
500-285446-2	MW-04	91.9					
500-285446-3	MW-05	88.2					
500-285446-4	MW-10	84.7					
500-285446-5	Duplicate	87.9					
LCS 160-769265/2-A	Lab Control Sample	91.1					
MB 160-769265/1-A	Method Blank	96.0					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba	Y				
		(30-110)	(30-110)				
500-285446-1	MW-03	87.0	84.9				
500-285446-2	MW-04	91.9	87.1				
500-285446-3	MW-05	88.2	77.0				
500-285446-4	MW-10	84.7	80.0				
500-285446-5	Duplicate	87.9	80.7				
LCS 160-769268/2-A	Lab Control Sample	91.1	80.7				
MB 160-769268/1-A	Method Blank	96.0	81.1				
Tracer/Carrier Legend							
Ba = Ba Carrier							
Y = Y Carrier							

PROJECT NAME	NRG - JOLIET #29 STATION (12313.0)		DATE	4-28-26
Sample Name	MW-03	Start Time	09:27	
Condition of Well	Good.			
Water Level	32.40	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.5 GGS.	W L at Sample Time	32.42	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + ECR + CCA DUP	Sample Time	09:45	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
09:30	32-41	8.12	11.9	1.321	10.10	174.8	13.04
09:33	32-42	7.82	11.8	1.375	9.67	205.1	12.53
09:36	32-42	7.57	11.9	1.439	8.42	227.9	17.30
09:39	32-42	7.48	11.9	1.462	8.11	245.4	17.90
09:42	32-42	7.45	11.9	1.469	8.11	258.3	16.56
09:45	32-42	7.45	11.9	1.470	8.13	261.1	16.12
—							

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

PROJECT NAME	NRG - JOLIET #29 STATION (12313.0)		DATE	4-28-26
Sample Name	MW-04	Start Time	10:49	
Condition of Well	GOOD			
Water Level	32.70	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.75 QTB	W L at Sample Time	32.70	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + CCR + CCR DUP.	Sample Time	11:01	
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)
10:52	32.70	7.56	12.2	1.404	7.62	250.6	12.44
10:55	32.70	7.48	12.4	1.406	8.15	265.6	17.63
10:58	—	7.43	12.5	1.399	8.41	278.8	16.85
11:01	32.70	7.40	12.5	1.393	8.42	281.6	17.97.
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - JOLIET #29 STATION (12313.0)		DATE	4-28-26
Sample Name	MW-05	Start Time	11:51	
Condition of Well	Good			
Water Level	33.39	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.0 Q15.	W L at Sample Time	33.39	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + CCR	Sample Time	12:06	
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)
11:54	33.37	7.80	12.9	1.379	9.00	247.3	29.51
11:57	33.38	7.60	13.2	1.410	8.42	265.7	31.33
12:00	33.39	7.51	13.3	1.443	8.11	282.6	46.04
12:03	33.39	7.48	13.3	1.457	8.04	290.9	46.11
12:06	33.39	7.47	13.3	1.462	8.02	292.7	45.77.
—							

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates



PROJECT NAME	NRG - JOLIET #29 STATION (12313.0)		DATE	4-28-26
Sample Name	MW-10	Start Time	13:44	
Condition of Well	GOOD			
Water Level	33.57	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COWORLESS ODORLESS.	
Volume Removed	1.75 QTS.	W L at Sample Time	33.57.	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + CCR	Sample Time	13:59	
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)
13:47	33.58	7.54	13.1	1.391	9.45	292.8	9.25
13:50	33.57	7.46	12.7	1.315	9.19	308.5	9.78
13:53	33.57	7.41	12.7	1.289	9.06	320.3	10.48
13:56	33.57	7.38	12.6	1.283	9.02	328.1	10.41
13:59	33.57	7.37	12.6	1.281	9.02	330.3	9.80
—							

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

