DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

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

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 3rd quarter 2024 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. In addition, Table 2 provides a summary of turbidity data which was collected as part of State CCR Rule requirements.

No background statistics or proposed Groundwater Protection Standards are included on these tables. The background statistics and proposed Groundwater Protection Standards were submitted to Illinois Environmental Protection Agency (EPA) as part of the Application for Initial Operating Permit for Ponds 1N and 1S dated March 31, 2022. Upon Illinois EPA approval of the Operating Permit and Proposed Groundwater Protection Standards, the approved comparison values will be included on the tables for subsequent data comparisons/evaluations.

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-01 up gradient	5/3/2021	2.6	170	F1 21	0.62	6.83	390	1200	< 0.003	< 0.001	0.095	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.034	< 0.0002	0.012	0.623	0.0093	< 0.002
	5/24/2021	2.5	200	18	0.63	6.86	350	1100	< 0.003	< 0.001	0.093	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.036	< 0.0002	F1 < 0.012	0.953	0.012	< 0.002
	6/7/2021	3.0	200	18	0.63	6.52	380	510	< 0.003	< 0.001	0.096	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.037	< 0.0002	0.013	< 0.372	0.01	< 0.002
	6/25/2021	B 2.6	200	20	0.59	6.64	410	1200	^+ < 0.003	< 0.001	0.097	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.037	< 0.0002	0.014	0.672	0.0042	< 0.002
	7/12/2021	2.4	190	16	0.60	6.55	320	1000	< 0.003	0.0012	0.100	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.045	< 0.0002	0.013	0.457	0.012	< 0.002
	8/2/2021	2.4	200	18	0.65	6.57	410	1300	< 0.003	0.001	0.100	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.014	0.478	0.0095	< 0.002
	8/23/2021	2.4	200	18	0.61	6.99	400	1100	< 0.003	< 0.001	0.100	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.014	0.697	0.0058	< 0.002
	11/19/2021	2.0	170	29	0.56	6.62	260	970	< 0.003	< 0.001	0.090	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.038	< 0.0002	0.0098	1.16	0.017	< 0.002
	2/21/2022	2.0	190	26	0.55	6.63	370	1200	< 0.003	< 0.001	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.032	< 0.0002	0.011	0.773	0.0079	< 0.002
	6/15/2022	2.6	180	33	0.61	6.43	350	1100	< 0.003	< 0.001	0.09	< 0.001	0.00054	< 0.005	< 0.001	< 0.0005	0.033	< 0.0002	0.015	0.945	0.0087	< 0.002
	8/24/2022	2.7	180	24	0.61	6.51	370	1400	< 0.003	< 0.001	0.093	< 0.001	^1+ 0.00092	< 0.005	0.0016	0.00078	0.038	< 0.0002	0.015	0.581	0.0047	< 0.002
	11/15/2022	2.9	190	22	1.00	6.59	360	1100	< 0.003	0.0011	0.097	^+ < 0.001	0.00052	< 0.005	0.001	0.00057	0.039	< 0.0002	0.014	< 0.63	0.0085	< 0.002
	2/22/2023	2	170	29	0.49	6.93	360	1000	< 0.003	< 0.001	0.082	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.031	< 0.0002	0.013	< 0.544	0.0092	< 0.002
	4/27/2023	2.4	120	77	0.69	6.79	400	1100	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.041	0.824	< 0.0025	< 0.0020
	7/27/2023	2.3	170	29	0.58	6.54	320	1000	< 0.0030	< 0.0010	0.088	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.016	1.92	0.013	< 0.0020
	10/23/2023	2.1	160	21	0.55	6.47	240	1000	< 0.0030	< 0.0010	B 0.087	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.012	< 0.625	0.0099	< 0.0020
	2/6/2024	2.8	120	72	0.75	6.83	400	1100	^1+ < 0.0030	< 0.0010	0.076	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.049	0.686	0.0032	< 0.0020
	5/7/2024	2.7	100	78	0.75	7.39	400	980	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.00020	0.058	1.17	< 0.0025	< 0.0020
	8/6/2024	2.8	88	87	0.83	7.01	420	1100	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.024	< 0.00020	0.065	< 0.504	< 0.0025	< 0.0020
MW-02 up gradient	5/3/2021	5.3	87	28	0.41	7.76	500	1100	< 0.003	0.009	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.046	< 0.0002	0.072	1.3	< 0.0025	< 0.002
	5/24/2021	5.2	88	24	0.41	7.77	550	1100	< 0.003	0.0099	0.059	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.047	< 0.0002	0.07	1.19	< 0.0025	< 0.002
	6/7/2021	6.5	100	25	0.4	7.60	540	1100	< 0.003	0.011	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.045	< 0.0002	0.081	0.54	< 0.0025	< 0.002
	6/28/2021	B 5.3	95	23	0.36	7.93	500	1200	^+ < 0.003	0.012	0.059	< 0.001	< 0.0005	0.0057	< 0.001	< 0.0005	0.046	< 0.0002	0.075	0.8	< 0.0025	< 0.002
	7/12/2021	5.2	97	21	0.37	7.53	480	970	< 0.003	0.012	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.051	< 0.0002	0.071	1.07	< 0.0025	< 0.002
	8/2/2021	4.8	92	24	0.37	7.54	520	1200	< 0.003	0.011	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.048	< 0.0002	0.073	0.798	< 0.0025	< 0.002
	8/23/2021	5.0	92	26	0.38	8.02	530	830	< 0.003	0.011	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.048	< 0.0002	0.075	0.986	< 0.0025	< 0.002
	11/19/2021	5.2	86	27	0.38	7.72	520	1100	< 0.003	0.014	0.057	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.041	< 0.0002	0.068	1.43	< 0.0025	< 0.002
	2/21/2022	4.9	92	32	0.43	7.65	550	1100	< 0.003	0.01	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.083	< 0.848	< 0.0025	< 0.002
	6/15/2022	5.3	91	30	0.39	7.32	460	1100	< 0.003	0.01	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.073	1.17	< 0.0025	< 0.002
	8/24/2022	5.6	81	28	0.38	7.73	480	1100	< 0.003	0.015	0.059	< 0.001	^1+ < 0.0005	< 0.005	< 0.001	< 0.0005	0.043	< 0.0002	0.07	0.984	< 0.0025	< 0.002
	11/15/2022	6.5	99	27	0.64	7.64	530	1000	< 0.003	0.017	0.069	^+ < 0.001	< 0.0005	< 0.005	< 0.001	0.00052	0.047	< 0.0002	0.076	2.13	< 0.0025	< 0.002
	2/22/2023	4.6	89	29	0.38	7.86	460	980	< 0.003	0.0095	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.042	< 0.0002	0.075	0.974	< 0.0025	< 0.002
	4/27/2023	4.6	83	29	0.37	7.60	430	1000	< 0.0030	0.0088	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.072	0.961	< 0.0025	< 0.0020
	7/27/2023	5.8	89	28	0.38	7.50	490	990	< 0.0030	0.011	0.056	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.046	< 0.00020	0.073	1.31	< 0.0025	< 0.0020
	10/23/2023	5.7	93	26	0.36	7.56	480	1100	< 0.0030	0.012	B 0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.050	< 0.00020	0.07	0.726	< 0.0025	< 0.0020
	2/6/2024	4.7	87	43	0.37	7.58	410	960	^1+ < 0.0030	0.011	0.066	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.067	< 0.532	< 0.0025	< 0.0020
	5/7/2024	5.0	81	36	0.36	7.91	370	910	< 0.0030	0.0084	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.064	0.783	< 0.0025	< 0.0020
	8/6/2024	B 5.3	87	34	0.36	7.62	380	970	< 0.0030	0.013	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.067	0.776	< 0.0025	< 0.0020
MW-07 down gradient	5/4/2021	4.0	130	110	0.69	8.29	490	1000	< 0.003	0.0022	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.051	0.952	< 0.0025	< 0.002
	5/24/2021	4.2	150	140	0.53	8.38	590	1400	< 0.003	0.0022	0.064	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.049	1.28	< 0.0025	< 0.0025
	6/7/2021	4.0	110	120	0.69	7.62	480	1000	< 0.003	0.0026	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.07	1.25	< 0.0025	< 0.002
	6/25/2021	B 6.0	290	250	0.42	6.35	850	2300	^+ < 0.003	0.0024	0.12	< 0.001	< 0.0005	0.034	0.0012	< 0.0005	0.032	< 0.0002	0.051	0.694	0.0039	< 0.002
	7/12/2021	4.6	230	170	0.65	6.87	510	1400	< 0.003	0.0044	0.063	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.039	< 0.0002	0.05	1.4	0.0031	< 0.002
	8/2/2021	3.1	120	130	0.69	7.97	450	980	< 0.003	0.0036	0.071	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.068	1.07	< 0.0025	< 0.002
	8/25/2021	2.8	80	130	0.73	8.63	420	800	< 0.003	0.0027	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.076	1.21	< 0.0025	< 0.002
	11/19/2021	3.9	170	190	0.48	6.62	680	1800	< 0.003	0.0065	0.048	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.033	2.4	< 0.0025	< 0.002
	2/22/2022	2.6	160	130	0.42	6.50	290	1200	< 0.003	0.0012	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.016	< 0.529	< 0.0025	< 0.002
	6/15/2022	4.4	150	120	0.68	7.24	520	1100	< 0.003	0.0045	0.075	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.056	1.3	< 0.0025	< 0.002
	8/25/2022	2.9	65	130	0.75	7.90	450	1100	< 0.003	0.0035	0.052	< 0.001	< ^1+ 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.073	0.944	< 0.0025	< 0.002
	11/15/2022	3	59	140	1.00	8.01	440	1000	< 0.003	0.0032	0.044	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.087	1.29	< 0.0025	< 0.002
	2/22/2023	3	220	120	0.41	6.68	470	1500	< 0.003	0.0016	0.084	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.022	0.714	< 0.0025	< 0.002
	4/27/2023	3.5	190	110	0.55	6.51	610	1600	< 0.0030	0.0021	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.043	< 0.566	< 0.0025	< 0.0020
	7/27/2023	3.2	81	130	0.65	7.38	470	1100	< 0.0030	0.0026	0.052	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.072	0.936	< 0.0025	< 0.0020
	10/23/2023	3.4	89	130	0.74	7.29	470	1200	< 0.0030	0.0026	B 0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.078	1.09	< 0.0025	< 0.0020
	2/7/2024	3.8	210	120	0.31	6.42	480	1500	^1+ < 0.030	0.0013	0.12	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.019	0.575	< 0.0025	< 0.0020
	5/8/2024	2.8	210	100	0.35	6.71	390	1300	< 0.0030	< 0.0010	0.084	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.018	< 0.569	< 0.0025	< 0.0020
	8/5/2024	3.4	110	97	0.60	7.38	570	1200	< 0.0030	0.0018	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.069	0.980	< 0.0025	< 0.0020
MW-14 down gradient	5/4/2021	4.8	130	110	0.44	8.03	490	1100	< 0.003	0.0035	0.097	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.046	< 0.0002	0.053	< 0.453	< 0.0025	< 0.002
	5/25/2021	5.1	140	110	0.42	7.94	550	1300	< 0.003	0.0038	0.082	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.051	< 0.0002	0.052	0.736	< 0.0025	< 0.002
	6/7/2021	5.7	150	110	0.47	7.53	530	1200	< 0.003	0.0047	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	0.00062	0.05	< 0.0002	0.054	< 0.368	< 0.0025	< 0.002
	6/28/2021	B 3.1	87	120	0.74	8.17	400	990	^+ < 0.003	0.0028	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.081	1.07	< 0.0025	< 0.002
	7/12/2021	5.2	130	92	0.46	7.67	470	1100	< 0.003	0.0061	0.094	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.058	< 0.0002	0.049	1.07	< 0.0025	< 0.002
	8/2/2021	4.7	120	88	0.47	7.75	470	1100	< 0.003	0.0064	0.24	< 0.001	< 0.0005	< 0.005	< 0.001	0.0016	0.052	< 0.0002	0.051	1.25	< 0.0025	< 0.002
	8/25/2021	4.1	96	92	0.58	8.21	440	930	< 0.003	0.0047	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	0.00054	0.037	< 0.0002	0.064	1.43	< 0.0025	< 0.002
	11/23/2021	3.0	81	120	0.6	7.90	460	1000	< 0.003	0.0023	0.051	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.049	1.21	< 0.0025	< 0.002
	2/23/2022	3.8	110	110	0.58	7.86	440	1100	< 0.003	0.0028	0.12	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.059	0.874	< 0.0025	< 0.002
	6/14/2022	5.3	160	^+ 110	0.47	7.09	490	1200	< 0.003	0.0021	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.048	< 0.0002	0.05	1.13	< 0.0025	< 0.002
	8/23/2022	4.1	97	97	0.57	7.72	410	1200	< 0.003	0.0022	0.092	< 0.001	^1+ < 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.067	1.45	< 0.0025	< 0.002
	11/17/2022	3.1	83	120	0.85	7.94	570	970	< 0.003	0.0024	0.11	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.073	0.817	< 0.0025	< 0.002
	2/21/2023	2.6	88	120	0.61	8.02	390	970	< 0.003	0.0028	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.071	0.961	< 0.0025	< 0.002
	4/25/2023	3.2	100	120	0.56	7.71	480	1000	< 0.0030	0.0028	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.064	< 0.536	< 0.0025	< 0.0020
	7/25/2023	3.8	99	110	0.57	7.75	440	970	< 0.0030	0.0025	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.069	1.37	< 0.0025	< 0.0020
	10/19/2023	3.3	86	110	0.63	7.84	430	970	< 0.0030	0.0024	B 0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.069	1.61	< 0.0025	< 0.0020
	2/5/2024	4.2	140	110	0.61	7.70	570	1300	^1+ < 0.0030	0.0032	0.12	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.062	0.812	< 0.0025	< 0.0020
	5/7/2024	3.7	110	100	0.57	8.12	460	1100	< 0.0030	0.0019	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.058	0.685	< 0.0025	< 0.0020
	8/1/2024	3.4	94	110	0.62	8.45	400	1000	< 0.0030	0.0018	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.068	1.42	< 0.0025	< 0.0020
MW-15 down gradient	5/4/2021	3.1	180	140	0.34	7.29	510	1400	< 0.003	0.0015	0.18	< 0.001	< 0.0005	< 0.005	0.0012	< 0.0005	0.025	< 0.0002	0.03	1.16	< 0.0025	< 0.002
	5/25/2021	3.2	220	120	0.37	7.27	600	1400	< 0.003	0.0018	0.14	^1+ < 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.025	< 0.0002	0.026	< 0.564	< 0.0025	< 0.002
	6/7/2021	3.8	170	110	0.53	7.12	570	1200	< 0.003	0.0021	0.10	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.033	0.491	< 0.0025	< 0.002
	6/25/2021	B 3.4	170	110	0.51	7.09	550	1300	^+ < 0.003	0.003	0.10	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.036	0.533	< 0.0025	< 0.002
	7/12/2021	3.3	180	110	0.47	7.01	510	1300	< 0.003	0.0041	0.12	^+ < 0.001	< 0.0005	< 0.005	0.0013	< 0.0005	0.025	< 0.0002	0.028	0.931	< 0.0025	< 0.002
	8/2/2021	3.1	160	98	0.56	7.23	550	1200	< 0.003	0.0039	0.097	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.036	1.3	< 0.0025	< 0.002
	8/25/2021	3.2	140	130	0.6	7.73	510	820	< 0.003	0.0028	0.097	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.036	1.46	< 0.0025	< 0.002
	11/19/2021	2.9	140	120	0.46	6.91	570	1300	< 0.003	0.0036	0.084	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.021	1.57	< 0.0025	< 0.002
	2/22/2022	3.3	230	100	0.38	6.73	620	1600	< 0.003	0.003	0.12	^1+ < 0.001	< 0.0005	< 0.005	0.0012	< 0.0005	0.021	< 0.0002	0.02	1.46	< 0.0025	< 0.002
	6/14/2022	3.7	230	^+ 130	0.45	6.60	750	1500	< 0.003	0.0027	0.10	< 0.001	< 0.0005	< 0.005	0.0012	< 0.0005	0.021	< 0.0002	0.027	0.539	< 0.0025	< 0.002
	8/23/2022	3.5	160	110	0.58	6.90	580	1500	< 0.003	0.0047	0.088	< 0.001	^1+ < 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.03	0.714	< 0.0025	< 0.002
	11/17/2022	4.1	170	120	0.57	7.16	480	1200	< 0.003	0.0038	0.098	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.03	0.857	< 0.0025	< 0.002
	2/21/2023	3	290	120	0.28	6.61	690	1700	< 0.003	0.0031	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.015	0.957	< 0.0025	< 0.002
	4/25/2023	3.2	250	120	0.30	6.50	730	1700	< 0.0030	0.0018	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.019	< 0.504	< 0.0025	< 0.0020
	7/25/2023	3.5	180	110	0.54	6.97	590	1300	< 0.0030	0.0041	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.029	0.625	< 0.0025	< 0.0020
	10/19/2023	3.4	140	110	0.62	7.09	510	1100	< 0.0030	0.0032	B 0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.034	1.02	< 0.0025	< 0.0020
	2/6/2024	3.5	260	80	0.27	6.63	690	1800	^1+ < 0.0030	0.0075	0.14	^+ < 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	< 0.10	< 0.00020	0.019	0.760	< 0.0025	< 0.0020
	5/7/2024	3.1	230	49	0.31	6.99	570	1500	< 0.0030	0.0060	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.015	1.170	< 0.0025	< 0.0020
	8/1/2024	3.7	190	100	0.54	7.62	620	1300	< 0.0030	0.0046	0.091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.033	1.28	< 0.0025	< 0.0020

Notes: All units are in mg/l except pH is in standard units and radium is in pCi/L
B - Compound was found in the blank and sample.
R - Resample

F1 - MS and/or MSD Recovery outside of limits.
F2 - MS/MSD RPD exceeds control limits
^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-03 up-gradient	5/3/2021	3.3	140	18	0.31	6.90	240	890	< 0.003	0.0011	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.04	< 0.0002	0.017	0.993	< 0.0025	< 0.002
	5/24/021	3.2	120	19	0.34	6.91	270	900	< 0.003	0.001	0.001	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.038	< 0.0002	0.018	0.922	0.0057	< 0.002
	6/8/2021	3.7	140	21	0.32	6.75	290	940	< 0.003	0.0014	0.10	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.041	< 0.0002	0.017	0.857	< 0.0025	< 0.002
	6/28/2021	B 3.6	120	23	0.32	7.17	290	930	^+ < 0.003	0.0023	0.091	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.044	< 0.0002	0.022	1.03	< 0.0025	< 0.002
	7/12/2021	3.8	120	27	0.33	6.88	270	870	< 0.003	0.0033	0.10	< 0.001	0.00053	< 0.005	< 0.001	< 0.0005	0.048	< 0.0002	0.028	1.97	< 0.0025	< 0.002
	8/2/2021	6.2	120	31	0.3	6.86	280	920	< 0.003	0.0053	0.096	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.043	< 0.0002	0.021	1.16	< 0.0025	< 0.002
	8/24/2021	3.3	120	F1 F2 50	0.35	7.28	300	890	< 0.003	0.0021	0.091	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.042	< 0.0002	0.022	0.763	< 0.0025	< 0.002
	11/19/2021	3.7	160	27	0.32	6.67	330	970	< 0.003	0.0016	0.12	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.039	< 0.0002	0.025	2.47	0.0082	< 0.002
	2/24/2022	2.6	220	18	0.3	6.53	360	1200	< 0.003	0.0015	0.12	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.032	< 0.0002	0.014	1.11	0.046	< 0.002
	6/16/2022	4.0	140	18	0.31	6.62	300	910	< 0.003	0.0014	0.10	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.045	< 0.0002	0.022	1.38	< 0.0025	< 0.002
	8/24/2022	3.4	140	35	0.34	6.73	360	1200	< 0.003	< 0.001	0.096	< 0.001	^1+ < 0.0005	< 0.005	0.001	< 0.0005	0.035	< 0.0002	0.018	1.24	< 0.0025	< 0.002
	11/15/2022	3.5	140	43	F1 0.64	6.79	360	990	< 0.003	0.0039	0.095	^+ < 0.001	< 0.0005	< 0.005	0.0012	0.00063	0.037	< 0.0002	0.021	1.78	< 0.0025	< 0.002
	2/22/2023	2.4	180	14	0.29	6.83	330	1000	< 0.003	< 0.001	0.099	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.013	0.76	0.03	< 0.002
	4/27/2023	3.2	150	16	0.28	6.54	320	1000	< 0.0030	0.0013	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.021	1.12	0.0057	< 0.0020
	7/27/2023	3.5	160	16	0.25	6.53	280	930	< 0.0030	0.0010	0.11	^+ < 0.0010	< 0.00050	< 0.0050	0.0010	< 0.00050	0.043	< 0.00020	0.013	1.43	0.0053	< 0.0020
	10/23/2023	3.7	140	19	0.26	6.63	200	900	< 0.0030	< 0.0010	B 0.10	< 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.034	< 0.00020	0.011	1.90	0.0042	< 0.0020
	2/6/2024	3.9	150	14	0.28	6.73	270	890	^1+ < 0.0030	< 0.0010	0.097	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.018	1.12	0.0041	< 0.0020
	5/7/2024	4.2	120	15	0.31	7.10	320	870	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0011	< 0.00050	0.044	< 0.00020	0.028	0.668	< 0.0025	< 0.0020
	8/6/2024	B 3.7	160	21	0.31	6.66	310	1000	< 0.0030	< 0.0010	0.099	< 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.038	< 0.00020	0.017	0.865	< 0.0025	< 0.0020
MW-04 up-gradient	5/3/2021	5.1	310	28	0.36	6.76	910	2000	< 0.003	0.003	0.046	< 0.001	< 0.0005	< 0.005	0.0019	< 0.0005	0.026	< 0.0002	0.026	1.16	< 0.0025	< 0.002
	5/24/2021	5.5	340	24	0.38	6.90	950	2000	< 0.003	0.0039	0.047	^1+ < 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.027	< 0.0002	0.028	1.72	0.0051	< 0.002
	6/8/2021	5.7	310	24	0.37	6.58	910	2000	< 0.003	0.0026	0.043	< 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.027	< 0.0002	0.028	< 0.459	0.0076	< 0.002
	6/28/2021	B 5.6	330	20	0.35	6.95	930	2100	^+ < 0.003	0.011	0.047	< 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.025	< 0.0002	0.027	1.12	0.019	< 0.002
	7/12/2021	5.9	320	16	0.38	6.70	970	2100	< 0.003	0.01	0.049	< 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.03	< 0.0002	0.033	1.68	0.0056	< 0.002
	8/2/2021	5.3	310	21	0.38	6.71	1000	2200	< 0.003	0.0039	0.046	< 0.001	< 0.0005	< 0.005	0.0018	< 0.0005	0.027	< 0.0002	0.032	1.18	< 0.0025	< 0.002
	8/24/2021	6.2	320	90	0.40	7.09	1100	1700	< 0.003	0.0075	0.046	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	0.028	< 0.0002	0.035	< 0.642	< 0.0025	< 0.002
	11/19/2021	6.1	300	23	0.36	6.69	840	1900	< 0.003	0.0063	0.044	^1+ < 0.001	< 0.0005	< 0.005	0.0022	< 0.0005	0.022	< 0.0002	0.023	1.17	< 0.0025	< 0.002
	2/24/2022	4.7	350	16	0.37	6.50	950	2100	< 0.003	0.02	0.039	^1+ < 0.001	< 0.0005	< 0.005	0.0017	< 0.0005	0.02	< 0.0002	0.028	< 0.424	0.09	< 0.002
	6/16/2022	5.5	310	22	0.37	6.55	990	2200	< 0.003	0.003	0.045	< 0.001	< 0.0005	< 0.005	0.0021	< 0.0005	0.023	< 0.0002	0.026	1.39	0.0044	< 0.002
	8/24/2022	5.8	280	18	0.40	6.57	810	2000	< 0.003	0.0053	0.044	< 0.001	^1+ < 0.0005	< 0.005	0.003	< 0.0005	0.019	< 0.0002	0.021	1.41	0.003	< 0.002
	11/15/2022	5.6	290	19	0.64	6.64	770	1700	< 0.003	0.011	0.047	^+ < 0.001	< 0.0005	< 0.005	0.0032	< 0.0005	0.02	< 0.0002	0.021	4.15	0.0061	< 0.002
	2/22/2023	3.7	390	36	0.38	6.77	1200	2500	< 0.003	0.0044	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.032	0.795	0.067	< 0.002
	4/27/2023	4.3	310	25	0.33	6.51	870	2000	< 0.0030	0.0027	0.039	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	0.021	< 0.00020	0.023	1.19	0.0091	< 0.0020
	7/27/2023	4.9	300	20	0.36	6.49	790	1700	< 0.0030	0.0017	0.041	^+ < 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	0.021	< 0.00020	0.019	1.28	0.026	< 0.0020
	10/23/2023	4.6	210	12	0.40	6.55	500	1300	< 0.0030	0.0013	0.043	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	0.019	< 0.00020	0.022	0.923	0.013	< 0.0020
	2/6/2024	4.2	350	59	0.28	6.51	950	2100	^1+ < 0.0030	0.0039	0.037	^+ < 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	< 0.10	< 0.00020	0.039	0.770	0.043	< 0.0020
	5/8/2024	4.1	320	25	0.37	6.62	750	1800	< 0.0030	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.023	< 0.00020	0.022	0.651	0.014	< 0.0020
	8/6/2024	B 5.1	280	24	0.39	6.56	810	1900	< 0.0030	0.0015	0.049	< 0.0010	< 0.00050	< 0.0050	0.0013	< 0.00050	0.021	< 0.00020	0.024	0.885	0.0032	< 0.0020
MW-08 down gradient	5/4/2021	2.6	190	290	0.51	6.95	490	1900	< 0.003	0.0073	0.081	< 0.001	< 0.0005	< 0.005	0.0015	< 0.0005	0.015	< 0.0002	0.047	0.873	< 0.0025	< 0.002
	5/25/2021	2.8	170	290	0.51	6.90	540	1600	< 0.003	0.0074	0.083	^1+ < 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.016	< 0.0002	0.044	1.06	< 0.0025	< 0.002
	6/7/2021	4.2	170	120	0.59	7.24	650	1400	< 0.003	0.01	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.091	0.768	< 0.0025	< 0.002
	6/28/2021	B 3.0	160	190	0.53	7.17	480	1400	^+ < 0.003	0.014	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	0.0011	0.019	< 0.0002	0.066	0.621	< 0.0025	< 0.002
	7/12/2021	7.0	200	260	0.5	6.64	530	1600	< 0.003	0.013	0.17	^+ < 0.001	< 0.0005	< 0.005	0.0012	< 0.0005	0.022	< 0.0002	0.07	0.841	< 0.0025	< 0.002
	8/2/2021	3.1	160	180	0.53	6.87	530	1400	< 0.003	0.012	0.074	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.076	0.533	< 0.0025	< 0.002
	8/25/2021	3.0	130	150	0.61	7.45	500	1100	< 0.003	0.011	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.084	0.888	< 0.0025	< 0.002
	11/19/2021	3.3	200	310	0.5	6.66	630	1900	< 0.003	0.0094	0.065	^1+ < 0.001	< 0.0005	< 0.005	0.0014	< 0.0005	0.013	< 0.0002	0.043	1.69	< 0.0025	< 0.002
	2/24/2022	1.6	170	210	0.52	6.84	270	1200	< 0.003	0.006	0.061	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	0.00068	0.0088	< 0.0002	0.026	< 0.645	0.048	< 0.002
	6/15/2022	2.9	150	170	0.59	6.66	480	1300	< 0.003	0.0048	0.075	< 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.014	< 0.0002	0.064	1.39	< 0.0025	< 0.002
	8/25/2022	3.0	120	140	0.75	6.95	480	1200	< 0.003	0.0062	0.059	< 0.001	^1+ 0.0012	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.085	1.23	< 0.0025	< 0.002
	11/17/2022	3.5	110	120	0.63	7.19	500	1100	< 0.003	0.014	0.061	^+ < 0.001	< 0.0005	< 0.005	0.0016	< 0.0005	0.021	< 0.0002	0.11	1.2	< 0.0025	< 0.002
	2/23/2023	1.9	150	200	0.6	7.03	320	1300	< 0.003	0.003	0.04	^1+ ^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.028	0.949	0.033	< 0.002
	4/27/2023	2.7	180	150	0.54	6.82	480	1600	< 0.0030	0.0025	0.052	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	< 0.010	< 0.00020	0.030	< 0.654	< 0.0025	< 0.0020
	7/26/2023	3.3	140	120	0.65	7.27	530	1200	< 0.0030	0.0029	0.056	< 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	0.018	< 0.00020	0.080	< 0.901	< 0.0025	< 0.0020
	10/24/2023	3.6	110	110	0.72	7.09	510	1200	< 0.0030	0.0059	B 0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.10	1.03	< 0.0025	< 0.0020
	2/7/2024	2.6	190	180	0.45	6.86	410	1400	^1+ < 0.030	0.0024	0.070	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.026	< 0.536	0.015	< 0.0020
	5/8/2024	1.7	140	220	0.53	7.05	210	1100	< 0.030	0.0029	0.067	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	< 0.010	< 0.00020	0.017	< 0.658	< 0.0025	< 0.0020
	8/5/2024	3.2	140	140	0.65	7.01	490	1300	< 0.0030	0.0040	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.074	< 0.507	< 0.0025	< 0.0020
MW-09 down gradient	11/11/2015	1.9	56	190	0.55	9.12	460	750	< 0.003	0.0047	0.027	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.14	-0.2208	< 0.0025	< 0.002
	2/17/2016	1.8	47	160	0.55	9.10	250	600	< 0.003	0.0051	0.027	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00065	< 0.01	< 0.0002	0.089	< 0.373	< 0.0025	< 0.002
	5/24/2016	1.6	48	180	0.51	8.79	240	640	< 0.003	0.0043	0.027	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00071	< 0.01	< 0.0002	0.079	0.508	< 0.0025	< 0.002
	8/9/2016	2.2	53	140	0.48	8.35	280	750	< 0.003	0.0052	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.14	0.639	< 0.0025	< 0.002
	10/26/2016	2.2	33	130	0.81	9.16	230	660	< 0.003	0.0069	0.019	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	< 0.01	< 0.0002	0.11	0.608	< 0.0025	< 0.002
	1/31/2017	2.0	61	250	0.57	8.59	180	710	< 0.003	0.0063	0.038	* < 0.001	< 0.0005	< 0.005	< 0.0010	0.0014	< 0.01	^ < 0.0002	0.09	< 0.45	< 0.0025	< 0.002
	5/9/2017	1.8	66	340	0.38	8.58	250	900	< 0.003	0.0052	0.038	< 0.001	< 0.0005	< 0.005	< 0.0010	0.00054	< 0.01	< 0.0002	0.093	< 0.361	< 0.0025	< 0.002
	6/27/2017	1.9	64	330	0.51	7.76	240	940	< 0.003	0.0046	0.039	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	< 0.01	< 0.0002	0.091	0.638	< 0.0025	< 0.002
	9/6/2017	1.8	59	310	0.51	8.98	240	890	< 0.003	0.0047	0.038	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	< 0.01	< 0.0002	0.1	0.454	< 0.0025	< 0.002
	11/14/2017	2.6	160	270	0.51	8.10	290	910	< 0.003	0.0017	0.11	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	0.018	< 0.0002	0.026	< 0.372	0.0061	< 0.002
	5/1/2018	1.7	49	200	0.52	7.81	430	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2018 R	NA	NA	NA	NA	NA	320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/2/2018	2.1	49	170	0.55	8.09	270	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	1.5	48	280	0.29	8.90	150	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	2.0	38	140	0.46	8.65	160	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2020	1.3	55	320	0.32	8.66	140	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	2.0	43	240	0.55	8.64	180	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2021	1.6	67	360	0.39	8.74	180	900	< 0.003	0.0044	0.054	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.054	0.741	< 0.0025	< 0.002
	8/25/2021	1.9	60	360	0.43	9.06	210	800	< 0.003	0.0065	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.067	< 0.444	< 0.0025	< 0.002
	11/23/2021	1.1	30	290	0.47	8.73	210	900	< 0.003	0.0046	0.024	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.037	0.789	< 0.0025	< 0.002
	2/22/2022	1.5	49	250	0.40	8.65	160	900	< 0.003	0.007	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0065	< 0.0002	0.051	< 0.409	< 0.0025	< 0.002
	6/15/2022	1.9	43	230	0.48	8.35	180	730	< 0.003	0.0071	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.057	< 0.39	< 0.0025	< 0.002
	8/25/2022	2.1	38	210	0.58	8.68	190	770	< 0.003	0.0089	0.034	< 0.001	^1+ < 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.065	0.661	< 0.0025	< 0.002
	11/16/2022	2.4	37	200	0.76	8.82	180	750	< 0.003	0.0093	0.037	^+ < 0.001	< 0.0005	< 0.005	< 0.001	0.00073	< 0.01	< 0.0002	0.068	0.648	< 0.0025	< 0.002
	2/23/2023	1.7	36	190	0.53	9.04	210	720	< 0.003	0.0079	0.029	^1+ ^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.063	< 0.672	< 0.0025	< 0.002
	4/26/2023	1.7	38	190	0.48	8.82	200	760	< 0.0030	0.0075	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.554	< 0.0025	< 0.0020
	7/26/2023	2.0	44	190	0.49	8.83	250	730	< 0.0030	0.0086	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.073	< 0.714	< 0.0025	< 0.0020
	10/24/2023	2.3	41	200	0.54	8.68	230	780	< 0.0030	0.0096	B 0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.072	< 0.588	< 0.0025	< 0.0020
	2/7/2024	2.3	39	190	0.60	8.89	230	730	^1+ < 0.030	0.0085	0.036	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	0.00065	0.070	< 0.58	< 0.0025	< 0.0020
	5/8/2024	1.8	41	180	0.52	9.33	F1 230	720	< 0.030	0.0076	0.032	< 0.010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	0.062	< 0.653	< 0.0025	< 0.0020
	8/5/2024	2.1	43	200	0.52	8.71	220	830	< 0.0030	0.0091	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.536	< 0.0025	< 0.0020
MW-13 down gradient	5/4/2021	1.7	150	210	0.29	7.54	280	1100	< 0.003	0.0011	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	0.00054	0.013	< 0.0002	0.025	1.02	0.0032	< 0.002
	5/26/2021	1.8	150	220	0.32	7.47	280	1100	< 0.003	0.001	0.13	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	0.00052	< 0.01	< 0.0002	0.016	0.724	0.0025	< 0.002
	6/7/2021	2.2	180	250	0.33	7.19	270	1200	< 0.003	0.0021	0.13	< 0.001	< 0.0005	< 0.005	0.0013	0.0014	< 0.01	< 0.0002	0.018	1.07	0.0027	< 0.002
	6/28/2021	0.68	110	160	0.37	7.56	120	840	^+ < 0.003	< 0.001	0.082	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.018	0.461	0.0072	< 0.002
	7/12/2021	1.6	150	240	0.33	7.17	220	1200	< 0.003	0.0015	0.13	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.014	1.08	0.009	< 0.002
	8/2/2021	1.6	170	240	0.32	7.10	240	1200	< 0.003	0.0019	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	0.00055	< 0.01	< 0.0002	0.013	0.523	0.0061	< 0.002
	8/26/2021	2.0	180	260	0.34	7.49	250	980	< 0.003	0.0051	0.16	< 0.001	< 0.0005	0.0072	0.0035	0.0047	0.012	< 0.0002	0.015	< 0.744	< 0.0025	< 0.002
	11/23/2021	1.8	170	230	0.33	7.03	300	1200	< 0.003	0.0011	0.11	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.012	1.49	0.0082	< 0.002
	2/23/2022	0.3	75	95	0.34	7.25	66	590	< 0.003	< 0.001	0.054	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0066	< 0.0002	0.0089	< 0.613	0.0054	< 0.002
	6/14/2022	2.1	500	^+ 200	0.37	6.68	210	940	< 0.003	0.046	0.43	< 0.005	0.0022	0.077	0.041	0.063	< 0.05	< 0.0002	0.026	1.59	0.0097	< 0.002
	8/23/2022	1.2	120	180	0.39	6.92	210	1100	< 0.003	0.0012	0.11	< 0.001	^1+ < 0.0005	< 0.005	< 0.001	0.0014	0.01	< 0.0002	0.013	< 0.954	0.0099	< 0.002
	11/16/2022	1.6	140	160	0.46	7.10	400	920	< 0.003	0.0015	0.1	^+ < 0.001	< 0.0005	< 0.005	0.0011	0.0013	< 0.01	< 0.0002	0.017	< 1.7	0.0054	< 0.002
	2/21/2023	0.7	110	150	0.32	7.23	120	740	< 0.003	0.0013	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	0.0011	< 0.01	< 0.0002	0.014	< 1	0.011	< 0.002
	4/25/2023	1.1	120	180	0.35	6.96	200	930	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0010	< 0.010	< 0.00020	0.015	< 0.721	0.013	< 0.0020
	7/25/2023	1.6	140	170	0.35	7.02	240	960	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00060	< 0.010	< 0.00020	0.014	< 1.07	0.0088	< 0.0020
	10/19/2023	1.2	120	150	0.39	7.01	130	860	< 0.0030	0.0014	0.12	< 0.0010	< 0.00050	< 0.0050	0.0010	0.00110	< 0.010	< 0.00020	0.018	0.891	0.0046	< 0.0020
	2/5/2024	1.1	200	600	0.28	7.06	180	1600	^1+ < 0.0030	0.0013	0.23	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.011	< 0.626	0.014	< 0.0020
	5/7/2024	2.7	200	F1 240	0.32	7.43	470	1500	< 0.0030	< 0.0010	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.015	< 0.899	0.011	< 0.0020
	8/1/2024	2.0	170	180	0.33	7.72	290	1100	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.014	0.494	0.0076	< 0.0020

Notes: All units are in mg/l except pH is in standard units and radium is in pCi/L
B - Compound was found in the blank and sample.
R - Resample

F1 - MS and/or MSD Recovery outside of limits.
F2 - MS/MSD RPD exceeds control limits
^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

Table 2A. Groundwater Turbidity - Pond 1N, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

Well ID	Date	Turbidity (NTU)
MW-01	2/23/2021	0.64
	4/10/2021	5.81
	4/25/2021	7.69
	5/3/2021	1.74
	5/24/2021	1.83
	6/7/2021	2.32
	6/25/2021	3.50
	7/12/2021	4.18
	8/2/2021	2.87
	8/23/2021	1.17
	9/24/2021	3.25
	11/19/2021	16.82
	2/21/2022	3.04
	6/15/2022	10.56
	8/24/2022	15.3
	11/15/2022	19.8
	2/22/2023	19.12
	4/27/2023	4.40
	7/27/2023	7.20
	10/23/2023	4.10
	2/6/2024	12.10
	5/7/2024	23.76
	8/6/2024	17.92
MW-02	2/25/2021	8.84
	4/10/2021	9.17
	4/25/2021	12.03
	5/3/2021	2.42
	5/24/2021	2.7
	6/7/2021	1.82
	6/28/2021	3.15
	7/12/2021	4.23
	8/2/2021	3.11
	8/23/2021	1.37
	9/24/2021	4.63
	11/19/2021	2.1
	2/21/2022	0.45
	6/15/2022	2.69
	8/24/2022	8.71
	11/15/2022	8.21
	2/22/2023	6.07
	4/27/2023	2.90
	7/27/2023	7.40
	10/23/2023	7.00
	2/6/2024	12.70
	5/7/2024	11.18
	8/6/2024	13.32
MW-07	3/1/2021	6.11
	4/10/2021	6.19
	4/25/2021	6.98
	5/4/2021	37.65
	5/24/2021	2.54
	6/7/2021	6.21
	6/25/2021	6.02
	7/12/2021	5.13
	8/2/2021	2.45
	8/25/2021	7.7
	9/24/2021	4.13
	11/19/2021	7.35
	2/22/2022	-0.02
	6/15/2022	5.58
	8/25/2022	2.27
	11/15/2022	41.3
	2/22/2023	13.55
	4/27/2023	8.90
	7/27/2023	1.00
	10/23/2023	8.10
	2/7/2024	0.41
	5/8/2024	17.65
	8/5/2024	50.71
MW-14	5/4/2021	6.88
	5/25/2021	3.5
	6/7/2021	2.55
	6/28/2021	7.44
	7/12/2021	4.89
	8/2/2021	9.8
	8/25/2021	11.7
	9/24/2021	6.87
	11/19/2021	5.19
	2/23/2022	45.11
	6/14/2022	3.98
	8/23/2022	2.71
	11/17/2022	2.8
	2/21/2023	6.71
	4/25/2023	5.0
	7/25/2023	3.7
	10/19/2023	1.7
	2/5/2024	2.6
	5/7/2024	7.12
	8/1/2024	3.94

Table 2A. Groundwater Turbidity - Pond 1N, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

Well ID	Date	Turbidity (NTU)
MW-15	5/4/2021	28.65
	5/25/2021	8.89
	6/7/2021	8.82
	6/28/2021	6.48
	7/12/2021	8.52
	8/2/2021	22.71
	8/25/2021	12.4
	9/24/2021	11.44
	11/19/2021	10.83
	2/22/2022	17.05
	6/14/2022	11.83
	8/23/2022	33.2
	11/17/2022	148.2
	2/21/2023	41.83
	4/25/2023	11.2
	7/25/2023	35.6
	10/19/2023	55.2
	2/6/2024	20.5
	5/7/2024	89.52
	8/1/2024	59.82

Table 2B. Groundwater Turbidity - Pond 1S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

Well ID	Date	Turbidity (NTU)
MW-03	3/1/2021	0.0
	4/10/2021	1.45
	4/25/2021	3.41
	5/3/2021	1.61
	5/24/2021	2.06
	6/8/2021	2.34
	6/28/2021	2.69
	7/12/2021	4.07
	8/2/2021	1.98
	8/24/2021	5.1
	9/24/2021	4.18
	11/19/2021	0.47
	2/24/2022	-1.1
	6/16/2022	1.7
	8/24/2022	6.4
	11/15/2022	9.7
	2/22/2023	6.9
	4/27/2023	2.00
	7/27/2023	7.20
	10/23/2023	0.50
	2/6/2024	0.20
	5/7/2024	8.73
	8/6/2024	0.75
MW-04	2/22/2021	9.87
	4/10/2021	42.2
	4/25/2021	7.41
	5/3/2021	4.2
	5/24/2021	4.45
	6/8/2021	2.8
	6/28/2021	12.93
	7/12/2021	3.93
	8/2/2021	3.75
	8/24/2021	10.1
	9/24/2021	5.74
	11/19/2021	15.15
	2/24/2022	2.04
	6/16/2022	3.13
	8/24/2022	4.7
	11/15/2022	14.2
	2/22/2023	20.1
	4/27/2023	8.40
	7/27/2023	6.00
	10/23/2023	3.5
	2/6/2024	16.3
	5/8/2024	10.72
	8/6/2024	24.01
MW-08	3/1/2021	2.3
	4/10/2021	270.98
	4/25/2021	26.73
	5/4/2021	6.6
	5/28/2021	6.51
	6/7/2021	4.58
	6/28/2021	5.67
	7/12/2021	6.71
	8/2/2021	14.15
	8/25/2021	8.9
	9/24/2021	7.21
	11/19/2021	2.34
	2/24/2022	40.05
	6/15/2022	5.01
	8/25/2022	9.02
	11/17/2022	13.9
	2/23/2023	43.13
	4/27/2023	29.20
	7/26/2023	16.90
	10/24/2023	11.30
	2/7/2024	39.80
	5/8/2024	51.31
	8/5/2024	3.52
MW-09	3/1/2021	0.86
	4/10/2021	6.91
	4/25/2021	2.08
	5/25/2021	14.12
	6/11/2021	2.39
	6/29/2021	2.97
	7/12/2021	3.94
	8/4/2021	0.0
	8/25/2021	19.9
	9/24/2021	3.67
	11/23/2021	19.07
	2/22/2022	0.59
	6/15/2022	113.77
	8/25/2022	1.93
	11/16/2022	11.73
	2/23/2023	10.34
	4/26/2023	2.90
	7/26/2023	6.50
	10/24/2023	9.50
	2/7/2024	9.30
	5/8/2024	8.90
	8/5/2024	2.67
MW-13	5/4/2021	20.6
	5/25/2021	9.8
	6/7/2021	6.49
	6/28/2021	8.25
	7/12/2021	5.89
	8/2/2021	2.91
	8/26/2021	12.9
	9/24/2021	9.13
	11/23/2021	17.83
	2/23/2022	34.33
	6/14/2022	81.91
	8/23/2022	47.3
	11/16/2022	77.2
	2/21/2023	41.7
	4/25/2023	41.90
	7/25/2023	16.70
	10/19/2023	47.10
	2/5/2024	22.00
	2/5/2024	12.61
	8/1/2024	9.80

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/19/2024 2:59:03 PM

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-254463-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

myEOL

Job Notes

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Authorization

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

Table of Contents

Job ID: 500-254463-1 — Eurofins Chicago

Job Narrative
500-254463-1

Receipt
The samples were received on 8/2/2024 11:05 AM, 8/5/2024 4:27 PM and 8/7/2024 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 1.1°C, 2.2°C, 2.2°C, 2.5°C, 2.8°C, 3.7°C and 4.7°C.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 500-781186 and analytical batch 500-781875 contained Boron above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

General Chemistry
Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-779787 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.

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

Method Summary

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

Job ID: 500-254463-1

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
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

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, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

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

Job ID: 500-254463-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-254463-1	MW-13	Water	08/01/24 16:01	08/02/24 11:05
500-254463-2	MW-14	Water	08/01/24 16:49	08/02/24 11:05
500-254463-3	MW-15	Water	08/01/24 17:36	08/02/24 11:05
500-254463-4	1N/1S Duplicate	Water	08/01/24 00:00	08/02/24 11:05
500-254463-10	MW-07	Water	08/05/24 10:04	08/05/24 16:27
500-254463-11	MW-08	Water	08/05/24 11:27	08/05/24 16:27
500-254463-12	MW-09	Water	08/05/24 14:03	08/05/24 16:27
500-254463-13	MW-01	Water	08/06/24 09:06	08/07/24 08:40
500-254463-14	MW-02	Water	08/06/24 11:29	08/07/24 08:40
500-254463-15	MW-03	Water	08/06/24 12:59	08/07/24 08:40
500-254463-16	MW-04	Water	08/06/24 14:08	08/07/24 08:40

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-13

Date Collected: 08/01/24 16:01
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:25	1
Boron	**2.0**		0.050		mg/L		08/13/24 14:48	08/15/24 12:25	1
Barium	**0.13**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:25	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:25	1
Calcium	**170**		0.20		mg/L		08/13/24 14:48	08/15/24 12:25	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:25	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:25	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:25	1
Molybdenum	**0.014**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:25	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:25	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:25	1
Selenium	**0.0076**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:25	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:25	1
Lithium	**0.010**		0.010		mg/L		08/13/24 14:48	08/15/24 12:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1100**		10		mg/L			08/05/24 01:03	1
Chloride (SM 4500 Cl- E)	**180**		10		mg/L			08/04/24 13:26	5
Fluoride (SM 4500 F C)	**0.33**		0.10		mg/L			08/14/24 18:11	1
Sulfate (SM 4500 SO4 E)	**290**		50		mg/L			08/05/24 16:19	10

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-14

Date Collected: 08/01/24 16:49
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0018**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:27	1
Boron	**3.4**		0.050		mg/L		08/13/24 14:48	08/15/24 12:27	1
Barium	**0.079**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:27	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:27	1
Calcium	**94**		0.20		mg/L		08/13/24 14:48	08/15/24 12:27	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:27	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:27	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:27	1
Molybdenum	**0.068**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:27	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:27	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:27	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:27	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:27	1
Lithium	**0.024**		0.010		mg/L		08/13/24 14:48	08/15/24 12:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1000**		10		mg/L			08/05/24 01:06	1
Chloride (SM 4500 Cl- E)	**110**		10		mg/L			08/04/24 13:29	5
Fluoride (SM 4500 F C)	**0.62**		0.10		mg/L			08/14/24 18:25	1
Sulfate (SM 4500 SO4 E)	**400**		50		mg/L			08/05/24 16:19	10

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-15

Date Collected: 08/01/24 17:36
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0046**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:29	1
Boron	**3.7**		0.050		mg/L		08/13/24 14:48	08/15/24 12:29	1
Barium	**0.091**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:29	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:29	1
Calcium	**190**		0.20		mg/L		08/13/24 14:48	08/15/24 12:29	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:29	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:29	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:29	1
Molybdenum	**0.033**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:29	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:29	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:29	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:29	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:29	1
Lithium	**0.022**		0.010		mg/L		08/13/24 14:48	08/15/24 12:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1300**		10		mg/L			08/05/24 01:08	1
Chloride (SM 4500 Cl- E)	**100**		10		mg/L			08/04/24 13:29	5
Fluoride (SM 4500 F C)	**0.54**		0.10		mg/L			08/14/24 18:29	1
Sulfate (SM 4500 SO4 E)	**620**		100		mg/L			08/05/24 16:19	20

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: 1N/1S Duplicate

Date Collected: 08/01/24 00:00
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0020**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:31	1
Boron	**3.7**		0.050		mg/L		08/13/24 14:48	08/15/24 12:31	1
Barium	**0.082**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:31	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:31	1
Calcium	**98**		0.20		mg/L		08/13/24 14:48	08/15/24 12:31	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:31	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:31	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:31	1
Molybdenum	**0.070**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:31	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:31	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:31	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:31	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:31	1
Lithium	**0.027**		0.010		mg/L		08/13/24 14:48	08/15/24 12:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**970**		10		mg/L			08/05/24 01:11	1
Chloride (SM 4500 Cl- E)	**110**		10		mg/L			08/04/24 13:29	5
Fluoride (SM 4500 F C)	**0.64**		0.10		mg/L			08/14/24 18:34	1
Sulfate (SM 4500 SO4 E)	**400**		50		mg/L			08/05/24 16:20	10

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-07

Date Collected: 08/05/24 10:04
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0018**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:34	1
Boron	**3.4**		0.050		mg/L		08/13/24 14:48	08/15/24 12:34	1
Barium	**0.067**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:34	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:34	1
Calcium	**110**		0.20		mg/L		08/13/24 14:48	08/15/24 12:34	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:34	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:34	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:34	1
Molybdenum	**0.069**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:34	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:34	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:34	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:34	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:34	1
Lithium	**0.023**		0.010		mg/L		08/13/24 14:48	08/15/24 12:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1200**		10		mg/L			08/06/24 00:24	1
Chloride (SM 4500 Cl- E)	**97**		10		mg/L			08/08/24 14:24	5
Fluoride (SM 4500 F C)	**0.60**		0.10		mg/L			08/14/24 18:39	1
Sulfate (SM 4500 SO4 E)	**570**		100		mg/L			08/12/24 15:05	20

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

Job ID: 500-254463-1

Client Sample ID: MW-08

Date Collected: 08/05/24 11:27
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0040**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:36	1
Boron	**3.2**		0.050		mg/L		08/13/24 14:48	08/15/24 12:36	1
Barium	**0.065**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:36	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:36	1
Calcium	**140**		0.20		mg/L		08/13/24 14:48	08/15/24 12:36	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:36	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:36	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:36	1
Molybdenum	**0.074**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:36	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:36	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:36	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:36	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:36	1
Lithium	**0.019**		0.010		mg/L		08/13/24 14:48	08/15/24 12:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1300**		10		mg/L			08/06/24 00:26	1
Chloride (SM 4500 Cl- E)	**140**		10		mg/L			08/08/24 14:24	5
Fluoride (SM 4500 F C)	**0.65**		0.10		mg/L			08/14/24 18:44	1
Sulfate (SM 4500 SO4 E)	**490**		50		mg/L			08/12/24 14:51	10

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-09

Date Collected: 08/05/24 14:03
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0091**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:38	1
Boron	**2.1**		0.050		mg/L		08/13/24 14:48	08/15/24 12:38	1
Barium	**0.040**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:38	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:38	1
Calcium	**43**		0.20		mg/L		08/13/24 14:48	08/15/24 12:38	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:38	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:38	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:38	1
Molybdenum	**0.070**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:38	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:38	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:38	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:38	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:38	1
Lithium	<0.010		0.010		mg/L		08/13/24 14:48	08/15/24 12:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**830**		10		mg/L			08/06/24 00:29	1
Chloride (SM 4500 Cl- E)	**200**		10		mg/L			08/08/24 14:25	5
Fluoride (SM 4500 F C)	**0.52**		0.10		mg/L			08/14/24 18:49	1
Sulfate (SM 4500 SO4 E)	**220**		25		mg/L			08/12/24 14:52	5

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

Job ID: 500-254463-1

Client Sample ID: MW-01

Date Collected: 08/06/24 09:06
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:41	1
Boron	**2.8**		0.050		mg/L		08/13/24 14:48	08/15/24 12:41	1
Barium	**0.063**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:41	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:41	1
Calcium	**88**		0.20		mg/L		08/13/24 14:48	08/15/24 12:41	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:41	1
Cobalt	**0.0014**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:41	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:41	1
Molybdenum	**0.065**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:41	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:41	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:41	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:41	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:41	1
Lithium	**0.024**		0.010		mg/L		08/13/24 14:48	08/15/24 12:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1100**		10		mg/L			08/11/24 22:37	1
Chloride (SM 4500 Cl- E)	**87**		4.0		mg/L			08/08/24 14:25	2
Fluoride (SM 4500 F C)	**0.83**		0.10		mg/L			08/14/24 18:54	1
Sulfate (SM 4500 SO4 E)	**420**		50		mg/L			08/12/24 15:06	10

Client Sample Results

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

Job ID: 500-254463-1

Client Sample ID: MW-02

Date Collected: 08/06/24 11:29
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.013**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:50	1
Boron	**5.3**	**B**	0.25		mg/L		08/13/24 14:48	08/16/24 11:59	5
Barium	**0.055**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:50	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:50	1
Calcium	**87**		0.20		mg/L		08/13/24 14:48	08/15/24 12:50	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:50	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:50	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:50	1
Molybdenum	**0.067**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:50	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:50	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:50	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:50	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:50	1
Lithium	**0.047**		0.010		mg/L		08/13/24 14:48	08/15/24 12:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**970**		10		mg/L			08/11/24 22:44	1
Chloride (SM 4500 Cl- E)	**34**		2.0		mg/L			08/08/24 13:39	1
Fluoride (SM 4500 F C)	**0.36**		0.10		mg/L			08/14/24 18:58	1
Sulfate (SM 4500 SO4 E)	**380**		50		mg/L			08/12/24 15:06	10

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

Job ID: 500-254463-1

Client Sample ID: MW-03
Date Collected: 08/06/24 12:59
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:52	1
Boron	**3.7**	**B**	0.25		mg/L		08/13/24 14:48	08/16/24 12:02	5
Barium	**0.099**		0.0025		mg/L		08/13/24 14:48	08/15/24 12:52	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:52	1
Calcium	**160**		0.20		mg/L		08/13/24 14:48	08/15/24 12:52	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:52	1
Cobalt	**0.0012**		0.0010		mg/L		08/13/24 14:48	08/15/24 12:52	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:52	1
Molybdenum	**0.017**		0.0050		mg/L		08/13/24 14:48	08/15/24 12:52	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:52	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:52	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 12:52	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:52	1
Lithium	**0.038**		0.010		mg/L		08/13/24 14:48	08/15/24 12:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1000**		10		mg/L			08/11/24 22:50	1
Chloride (SM 4500 Cl- E)	**21**		2.0		mg/L			08/08/24 13:39	1
Fluoride (SM 4500 F C)	**0.31**		0.10		mg/L			08/14/24 19:37	1
Sulfate (SM 4500 SO4 E)	**310**		50		mg/L			08/12/24 15:06	10

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

Job ID: 500-254463-1

Client Sample ID: MW-04
Date Collected: 08/06/24 14:08
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0015		0.0010		mg/L		08/13/24 14:48	08/15/24 12:54	1
Boron	5.1	B	0.25		mg/L		08/13/24 14:48	08/16/24 12:04	5
Barium	0.049		0.0025		mg/L		08/13/24 14:48	08/15/24 12:54	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 12:54	1
Calcium	280		0.20		mg/L		08/13/24 14:48	08/15/24 12:54	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:54	1
Cobalt	0.0013		0.0010		mg/L		08/13/24 14:48	08/15/24 12:54	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 12:54	1
Molybdenum	0.024		0.0050		mg/L		08/13/24 14:48	08/15/24 12:54	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 12:54	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 12:54	1
Selenium	0.0032		0.0025		mg/L		08/13/24 14:48	08/15/24 12:54	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 12:54	1
Lithium	0.021		0.010		mg/L		08/13/24 14:48	08/15/24 12:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1900		10		mg/L			08/11/24 22:52	1
Chloride (SM 4500 Cl- E)	24		2.0		mg/L			08/08/24 13:39	1
Fluoride (SM 4500 F C)	0.39		0.10		mg/L			08/14/24 19:42	1
Sulfate (SM 4500 SO4 E)	810		100		mg/L			08/12/24 15:07	20

Definitions/Glossary

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

Job ID: 500-254463-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.

General Chemistry

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

Glossary

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

Metals

Prep Batch: 781186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total Recoverable	Water	3005A	
500-254463-2	MW-14	Total Recoverable	Water	3005A	
500-254463-3	MW-15	Total Recoverable	Water	3005A	
500-254463-4	1N/1S Duplicate	Total Recoverable	Water	3005A	
500-254463-10	MW-07	Total Recoverable	Water	3005A	
500-254463-11	MW-08	Total Recoverable	Water	3005A	
500-254463-12	MW-09	Total Recoverable	Water	3005A	
500-254463-13	MW-01	Total Recoverable	Water	3005A	
500-254463-14	MW-02	Total Recoverable	Water	3005A	
500-254463-15	MW-03	Total Recoverable	Water	3005A	
500-254463-16	MW-04	Total Recoverable	Water	3005A	
MB 500-781186/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-781186/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 781630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	7470A	
500-254463-2	MW-14	Total/NA	Water	7470A	
500-254463-3	MW-15	Total/NA	Water	7470A	
500-254463-4	1N/1S Duplicate	Total/NA	Water	7470A	
500-254463-10	MW-07	Total/NA	Water	7470A	
500-254463-11	MW-08	Total/NA	Water	7470A	
500-254463-12	MW-09	Total/NA	Water	7470A	
500-254463-13	MW-01	Total/NA	Water	7470A	
500-254463-14	MW-02	Total/NA	Water	7470A	
500-254463-15	MW-03	Total/NA	Water	7470A	
500-254463-16	MW-04	Total/NA	Water	7470A	
MB 500-781630/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-781630/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-254463-11 MS	MW-08	Total/NA	Water	7470A	
500-254463-11 MSD	MW-08	Total/NA	Water	7470A	
500-254463-11 DU	MW-08	Total/NA	Water	7470A	

Analysis Batch: 781683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total Recoverable	Water	6020B	781186
500-254463-2	MW-14	Total Recoverable	Water	6020B	781186
500-254463-3	MW-15	Total Recoverable	Water	6020B	781186
500-254463-4	1N/1S Duplicate	Total Recoverable	Water	6020B	781186
500-254463-10	MW-07	Total Recoverable	Water	6020B	781186
500-254463-11	MW-08	Total Recoverable	Water	6020B	781186
500-254463-12	MW-09	Total Recoverable	Water	6020B	781186
500-254463-13	MW-01	Total Recoverable	Water	6020B	781186
500-254463-14	MW-02	Total Recoverable	Water	6020B	781186
500-254463-15	MW-03	Total Recoverable	Water	6020B	781186
500-254463-16	MW-04	Total Recoverable	Water	6020B	781186
MB 500-781186/1-A	Method Blank	Total Recoverable	Water	6020B	781186
LCS 500-781186/2-A	Lab Control Sample	Total Recoverable	Water	6020B	781186

Metals

Analysis Batch: 781845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	7470A	781630
500-254463-2	MW-14	Total/NA	Water	7470A	781630
500-254463-3	MW-15	Total/NA	Water	7470A	781630
500-254463-4	1N/1S Duplicate	Total/NA	Water	7470A	781630
500-254463-10	MW-07	Total/NA	Water	7470A	781630
500-254463-11	MW-08	Total/NA	Water	7470A	781630
500-254463-12	MW-09	Total/NA	Water	7470A	781630
500-254463-13	MW-01	Total/NA	Water	7470A	781630
500-254463-14	MW-02	Total/NA	Water	7470A	781630
500-254463-15	MW-03	Total/NA	Water	7470A	781630
500-254463-16	MW-04	Total/NA	Water	7470A	781630
MB 500-781630/12-A	Method Blank	Total/NA	Water	7470A	781630
LCS 500-781630/13-A	Lab Control Sample	Total/NA	Water	7470A	781630
500-254463-11 MS	MW-08	Total/NA	Water	7470A	781630
500-254463-11 MSD	MW-08	Total/NA	Water	7470A	781630
500-254463-11 DU	MW-08	Total/NA	Water	7470A	781630

Analysis Batch: 781875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-14	MW-02	Total Recoverable	Water	6020B	781186
500-254463-15	MW-03	Total Recoverable	Water	6020B	781186
500-254463-16	MW-04	Total Recoverable	Water	6020B	781186
MB 500-781186/1-A	Method Blank	Total Recoverable	Water	6020B	781186
LCS 500-781186/2-A	Lab Control Sample	Total Recoverable	Water	6020B	781186

General Chemistry

Analysis Batch: 779787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	SM 4500 Cl- E	
500-254463-2	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-254463-3	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-254463-4	1N/1S Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 500-779787/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-779787/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-254463-4 MS	1N/1S Duplicate	Total/NA	Water	SM 4500 Cl- E	
500-254463-4 MSD	1N/1S Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 779810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	SM 2540C	
500-254463-2	MW-14	Total/NA	Water	SM 2540C	
500-254463-3	MW-15	Total/NA	Water	SM 2540C	
500-254463-4	1N/1S Duplicate	Total/NA	Water	SM 2540C	
MB 500-779810/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-779810/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 779975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	SM 4500 SO4 E	
500-254463-2	MW-14	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 779975 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-3	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-254463-4	1N/1S Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-779975/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-779975/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 779992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-10	MW-07	Total/NA	Water	SM 2540C	
500-254463-11	MW-08	Total/NA	Water	SM 2540C	
500-254463-12	MW-09	Total/NA	Water	SM 2540C	
MB 500-779992/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-779992/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 780589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-10	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-254463-11	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-254463-12	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-254463-13	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-254463-14	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-254463-15	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-254463-16	MW-04	Total/NA	Water	SM 4500 Cl- E	
MB 500-780589/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-780589/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 780826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-13	MW-01	Total/NA	Water	SM 2540C	
500-254463-14	MW-02	Total/NA	Water	SM 2540C	
500-254463-15	MW-03	Total/NA	Water	SM 2540C	
500-254463-16	MW-04	Total/NA	Water	SM 2540C	
MB 500-780826/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-780826/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-254463-13 MS	MW-01	Total/NA	Water	SM 2540C	
500-254463-13 DU	MW-01	Total/NA	Water	SM 2540C	
500-254463-14 DU	MW-02	Total/NA	Water	SM 2540C	

Analysis Batch: 781040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-10	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-254463-11	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-254463-12	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-254463-13	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-254463-14	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-254463-15	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-254463-16	MW-04	Total/NA	Water	SM 4500 SO4 E	
MB 500-781040/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-781040/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

QC Association Summary

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

Job ID: 500-254463-1

General Chemistry

Analysis Batch: 781571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	SM 4500 F C	
500-254463-2	MW-14	Total/NA	Water	SM 4500 F C	
500-254463-3	MW-15	Total/NA	Water	SM 4500 F C	
500-254463-4	1N/1S Duplicate	Total/NA	Water	SM 4500 F C	
500-254463-10	MW-07	Total/NA	Water	SM 4500 F C	
500-254463-11	MW-08	Total/NA	Water	SM 4500 F C	
500-254463-12	MW-09	Total/NA	Water	SM 4500 F C	
500-254463-13	MW-01	Total/NA	Water	SM 4500 F C	
500-254463-14	MW-02	Total/NA	Water	SM 4500 F C	
500-254463-15	MW-03	Total/NA	Water	SM 4500 F C	
500-254463-16	MW-04	Total/NA	Water	SM 4500 F C	
MB 500-781571/31	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-781571/59	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-781571/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-781571/60	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-781186/1-A
Matrix: Water
Analysis Batch: 781683

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 781186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 11:53	1
Barium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 11:53	1
Beryllium	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 11:53	1
Calcium	<0.20		0.20		mg/L		08/13/24 14:48	08/15/24 11:53	1
Cadmium	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 11:53	1
Cobalt	<0.0010		0.0010		mg/L		08/13/24 14:48	08/15/24 11:53	1
Chromium	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 11:53	1
Molybdenum	<0.0050		0.0050		mg/L		08/13/24 14:48	08/15/24 11:53	1
Lead	<0.00050		0.00050		mg/L		08/13/24 14:48	08/15/24 11:53	1
Antimony	<0.0030		0.0030		mg/L		08/13/24 14:48	08/15/24 11:53	1
Selenium	<0.0025		0.0025		mg/L		08/13/24 14:48	08/15/24 11:53	1
Thallium	<0.0020		0.0020		mg/L		08/13/24 14:48	08/15/24 11:53	1
Lithium	<0.010		0.010		mg/L		08/13/24 14:48	08/15/24 11:53	1

Lab Sample ID: MB 500-781186/1-A
Matrix: Water
Analysis Batch: 781875

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 781186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0576		0.050		mg/L		08/13/24 14:48	08/16/24 11:32	1

Lab Sample ID: LCS 500-781186/2-A
Matrix: Water
Analysis Batch: 781683

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 781186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0918		mg/L		92	80 - 120
Barium	0.500	0.480		mg/L		96	80 - 120
Beryllium	0.0500	0.0468		mg/L		94	80 - 120
Calcium	10.0	8.48		mg/L		85	80 - 120
Cadmium	0.0500	0.0467		mg/L		93	80 - 120
Cobalt	0.500	0.478		mg/L		96	80 - 120
Chromium	0.200	0.197		mg/L		98	80 - 120
Molybdenum	1.00	0.913		mg/L		91	80 - 120
Lead	0.100	0.0957		mg/L		96	80 - 120
Antimony	0.500	0.467		mg/L		93	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Thallium	0.100	0.0994		mg/L		99	80 - 120
Lithium	0.100	0.0978		mg/L		98	80 - 120

Lab Sample ID: LCS 500-781186/2-A
Matrix: Water
Analysis Batch: 781875

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 781186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.07		mg/L		107	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-781630/12-A
Matrix: Water
Analysis Batch: 781845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 781630

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/15/24 10:45	08/16/24 07:57	1

Lab Sample ID: LCS 500-781630/13-A
Matrix: Water
Analysis Batch: 781845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 781630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00205		mg/L		103	80 - 120

Lab Sample ID: 500-254463-11 MS
Matrix: Water
Analysis Batch: 781845

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 781630

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000977		mg/L		98	75 - 125

Lab Sample ID: 500-254463-11 MSD
Matrix: Water
Analysis Batch: 781845

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 781630

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000999		mg/L		100	75 - 125	2	20

Lab Sample ID: 500-254463-11 DU
Matrix: Water
Analysis Batch: 781845

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 781630

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

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

Lab Sample ID: MB 500-779810/1
Matrix: Water
Analysis Batch: 779810

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/05/24 00:12	1

Lab Sample ID: LCS 500-779810/2
Matrix: Water
Analysis Batch: 779810

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	238		mg/L		95	80 - 120

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

Lab Sample ID: MB 500-779992/1
Matrix: Water
Analysis Batch: 779992

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/06/24 00:14	1

Lab Sample ID: LCS 500-779992/2
Matrix: Water
Analysis Batch: 779992

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	232		mg/L		93	80 - 120		

Lab Sample ID: MB 500-780826/1
Matrix: Water
Analysis Batch: 780826

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/11/24 22:32	1

Lab Sample ID: LCS 500-780826/2
Matrix: Water
Analysis Batch: 780826

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		

Lab Sample ID: 500-254463-13 MS
Matrix: Water
Analysis Batch: 780826

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	1100		250	1340	4	mg/L		110	75 - 125		

Lab Sample ID: 500-254463-13 DU
Matrix: Water
Analysis Batch: 780826

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

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1070		mg/L				0.2	5

Lab Sample ID: 500-254463-14 DU
Matrix: Water
Analysis Batch: 780826

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

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	970			958		mg/L				1	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-779787/16
Matrix: Water
Analysis Batch: 779787

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			08/04/24 13:04	1

Lab Sample ID: LCS 500-779787/17
Matrix: Water
Analysis Batch: 779787

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.8		mg/L		99	85 - 115

Lab Sample ID: 500-254463-4 MS
Matrix: Water
Analysis Batch: 779787

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110		20.0	123	4	mg/L		75	75 - 125

Lab Sample ID: 500-254463-4 MSD
Matrix: Water
Analysis Batch: 779787

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		20.0	123	4	mg/L		74	75 - 125	0	20

Lab Sample ID: MB 500-780589/16
Matrix: Water
Analysis Batch: 780589

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			08/08/24 13:36	1

Lab Sample ID: LCS 500-780589/17
Matrix: Water
Analysis Batch: 780589

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.1		mg/L		96	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-781571/31
Matrix: Water
Analysis Batch: 781571

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/14/24 16:43	1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-781571/59
Matrix: Water
Analysis Batch: 781571

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/14/24 19:03	1

Lab Sample ID: LCS 500-781571/32
Matrix: Water
Analysis Batch: 781571

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.51		mg/L		95	90 - 119

Lab Sample ID: LCS 500-781571/60
Matrix: Water
Analysis Batch: 781571

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.39		mg/L		94	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-779975/16
Matrix: Water
Analysis Batch: 779975

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			08/05/24 16:17	1

Lab Sample ID: LCS 500-779975/17
Matrix: Water
Analysis Batch: 779975

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	22.7		mg/L		113	88 - 123

Lab Sample ID: MB 500-781040/16
Matrix: Water
Analysis Batch: 781040

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			08/12/24 14:32	1

Lab Sample ID: LCS 500-781040/17
Matrix: Water
Analysis Batch: 781040

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.4		mg/L		107	88 - 123

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2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin:	Page: Page 1 of 1

Company: KPRG and Associates, Inc.	PWSID:
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:
City: Brookfield	TAT Requested (days):
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No
Phone:	PO #: 4502116506
Email: patricka@kprginc com	WO #:
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609
Site: Illinois	SSOW#:

500-254463 COC

Analysis Requested

Job #: 500-254463

Preservation Codes:
D - HNO3
N - None

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	N		
	MW-01	—	—	—	Water							
	MW-02	—	—	—	Water							
	MW-03	—	—	—	Water							
	MW-04	—	—	—	Water							
	MW-07	—	—	—	Water							
	MW-08	—	—	—	Water							
	MW-09	—	—	—	Water							
1	MW-13	8-1-24	16:01	G	Water	N	N	X	X	X	5	
2	MW-14	8-1-24	16:49	G	Water	N	N	X	X	X	5	
3	MW-15	8-1-24	17:36	G	Water	N	N	X	X	X	5	
4	1N/1S Duplicate	8-1-24	—	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[illegible signature]	8-2-24 11:05	KPRG	[illegible signature]	8/2/24 1105	EETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3-7.2 (2.2) 3.0 ct 2.9, 2.9-7.2.8, 4.8-7.4.7

Ver: 04/02/2024 8/19/2024

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University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126447-48726 1
Client Contact: Mr Tim Stohner	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 500-254463
Address: 414 Plaza Drive Suite 106	Due Date Requested:			Preservation Codes: D HNO3, N None
City: Westmont	TAT Requested (days):			
State, Zip: IL, 60559	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4502116506			
Email: tims@kprginc.com	WO #:			
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			
Site: Illinois	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-05	—	—	—	Water							
MW-06	—	—	—	Water							
MW-09	—	—	—	Water							
MW-10	—	—	—	Water							
5 MW-11	8-1-24	11:47	G	Water	N	N	X	X	X	5	
6 MW-12	8-1-24	14:54	G	Water	N	N	X	X	X	5	
7 2S/3S Duplicate	8-1-24	—	G	Water	N	N	X	X	X	5	
8 MW-16	8-1-24	13:08	G	Water	N	N	X	X	X	5	
9 MW-17	8-1-24	14:12	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	8-2-24 11:05	KPRG		8/2/24 1105	EET
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

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University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-254463
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 500-254463 COC	PO #: 4502116506			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			Other:
Site: Illinois	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water							
MW-02	—	—	—	Water							
MW-03	—	—	—	Water							
MW-04	—	—	—	Water							
MW-07	—	—	—	Water							
MW-08	—	—	—	Water							
MW-09	—	—	—	Water							
1 MW-13	8-1-24	16:01	G	Water	N	N	X	X	X	5	
2 MW-14	8-1-24	16:49	G	Water	N	N	X	X	X	5	
3 MW-15	8-1-24	17:36	G	Water	N	N	X	X	X	5	
4 1N/1S Duplicate	8-1-24	—	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time: 8-2-24 11:05	Company: KPRG	Received by:	Date/Time: 8/2/24 1105	Company: EET A
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3 - 22 - 29 - 28, 48 - 47 30 Oct 29

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University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126447-48726 1
Client Contact: Mr Tim Stohner	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:			Job #: 500-254463
Address: 414 Plaza Drive Suite 106	Due Date Requested:			
City: Westmont	TAT Requested (days):			
State, Zip: IL, 60559	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4502116506			
Email: tims@kprginc.com	WO #:			
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			
Site: Illinois	SSOW#:			

Analysis Requested

Preservation Codes: D HNO3; N None

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-05	—	—	—	Water							
MW-06	—	—	—	Water							
MW-09	—	—	—	Water							
MW-10	—	—	—	Water							
5 MW-11	8-1-24	11:47	G	Water	N	N	X	X	X	5	
6 MW-12	8-1-24	14:54	G	Water	N	N	X	X	X	5	
7 2S/3S Duplicate	8-1-24	—	G	Water	N	N	X	X	X	5	
8 MW-16	8-1-24	13:08	G	Water	N	N	X	X	X	5	
9 MW-17	8-1-24	14:12	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	8-2-24 11:05	KPRG		8/2/24 1105	EET
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

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University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWIESON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630 290 6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 500-254463
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 500-254463 COC	PO #: 4502116506			
Email: patricka@kprginc.com	WO #:			Other:
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			
Site: Illinois	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water						1	
MW-02	—	—	—	Water						1	
MW-03	—	—	—	Water						1	
MW-04	—	—	—	Water						1	
MW-07	8-5-24	10:04	G	Water	N	N	X	X	X	5	
MW-08	8-5-24	11:27	G	Water	N	N	X	X	X	5	
MW-09	8-5-24	14:03	G	Water	N	N	X	X	X	5	
MW-13	—	—	—	Water						1	
MW-14	—	—	—	Water						1	
MW-15	—	—	—	Water						1	
1N/1S Duplicate	—	—	—	Water						1	

10 9 12 8/5/24

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8-5-24 16:27	KPRG		8/5/24 1627	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.,,	Cooler Temperature(s) °C and Other Remarks.
		1.2-1.1/23-22 28

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWIESON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630 290 6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 500-254463

Address: 14665 West Lisbon Road, Suite 1A
City: Brookfield
State, Zip: WI, 53005
Phone:
Email: patricka@kprginc.com
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR
Site: Illinois

500-254463 COC

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: 4502116506
WO #:
Project #: 50011609
SSOW#:

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water						1	
MW-02	—	—	—	Water						1	
MW-03	—	—	—	Water						1	
MW-04	—	—	—	Water						1	
MW-07	8-5-24	10:04	G	Water	N	N	X	X	X	5	
MW-08	8-5-24	11:27	G	Water	N	N	X	X	X	5	
MW-09	8-5-24	14:03	G	Water	N	N	X	X	X	5	
MW-13	—	—	—	Water						1	
MW-14	—	—	—	Water						1	
MW-15	—	—	—	Water						1	
1N/1S Duplicate	—	—	—	Water						1	

10 9 12 8/5/24

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8-5-24 16:27	KPRG		8/5/24 1627	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.,,	Cooler Temperature(s) °C and Other Remarks.
		1.2-1.1/23-22 28

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HONGSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-254463

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:		Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):		
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 4502116506	500-254463 COC	
Email: patricka@kprginc com	WO #:		Other:
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609		
Site: Illinois	SSOW#:		

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:		X	X	D	D	N	X	
13	MW-01	8-6-24	09:06	G	Water	N	N	X	X	X	5	
14	MW-02	8-6-24	11:29	G	Water	N	N	X	X	X	5	
15	MW-03	8-6-24	12:59	G	Water	N	N	X	X	X	5	
16	MW-04	8-6-24	14:08	G	Water	N	N	X	X	X	5	
	MW-07	—	—	—	Water							
	MW-08	—	—	—	Water							
	MW-09	—	—	—	Water							
	MW-13	—	—	—	Water							
	MW-14	—	—	—	Water							
	MW-15	—	—	—	Water							
	1N/1S Duplicate	—	—	—	Water							

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	8-7-24 08:40	KPRG		8/7/24 0840	BETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:	3.8=3.7/26-725

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HONGSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-254463

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):	
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No	
Phone: 500-254463 COC	PO #: 4502116506	
Email: patricka@kprginc com	WO #:	
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609	Other:
Site: Illinois	SSOW#:	

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:		X	X	D	D	N	X	
13	MW-01	8-6-24	09:06	G	Water	N	N	X	X	X	5	
14	MW-02	8-6-24	11:29	G	Water	N	N	X	X	X	5	
15	MW-03	8-6-24	12:59	G	Water	N	N	X	X	X	5	
16	MW-04	8-6-24	14:08	G	Water	N	N	X	X	X	5	
	MW-07	—	—	—	Water							
	MW-08	—	—	—	Water							
	MW-09	—	—	—	Water							
	MW-13	—	—	—	Water							
	MW-14	—	—	—	Water							
	MW-15	—	—	—	Water							
	1N/1S Duplicate	—	—	—	Water							

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8-7-24	08:40	KHR	8/7/24 0840	BETA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:	3.8=3.7/26-725

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-254463-1

Login Number: 254463
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2,2.8,4.7,1.1,2.2,3.7,2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab Chronicle

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

Job ID: 500-254463-1

Client Sample ID: MW-13
Date Collected: 08/01/24 16:01
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:25
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:01
Total/NA	Analysis	SM 2540C		1	779810	CLB	EET CHI	08/05/24 01:03
Total/NA	Analysis	SM 4500 Cl- E		5	779787	TR	EET CHI	08/04/24 13:26
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:11
Total/NA	Analysis	SM 4500 SO4 E		10	779975	TR	EET CHI	08/05/24 16:19

Client Sample ID: MW-14
Date Collected: 08/01/24 16:49
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:27
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:03
Total/NA	Analysis	SM 2540C		1	779810	CLB	EET CHI	08/05/24 01:06
Total/NA	Analysis	SM 4500 Cl- E		5	779787	TR	EET CHI	08/04/24 13:29
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:25
Total/NA	Analysis	SM 4500 SO4 E		10	779975	TR	EET CHI	08/05/24 16:19

Client Sample ID: MW-15
Date Collected: 08/01/24 17:36
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:29
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:05
Total/NA	Analysis	SM 2540C		1	779810	CLB	EET CHI	08/05/24 01:08
Total/NA	Analysis	SM 4500 Cl- E		5	779787	TR	EET CHI	08/04/24 13:29
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:29
Total/NA	Analysis	SM 4500 SO4 E		20	779975	TR	EET CHI	08/05/24 16:19

Client Sample ID: 1N/1S Duplicate
Date Collected: 08/01/24 00:00
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:31

Client Sample ID: 1N/1S Duplicate

Lab Sample ID: 500-254463-4

Date Collected: 08/01/24 00:00

Matrix: Water

Date Received: 08/02/24 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:08
Total/NA	Analysis	SM 2540C		1	779810	CLB	EET CHI	08/05/24 01:11
Total/NA	Analysis	SM 4500 Cl- E		5	779787	TR	EET CHI	08/04/24 13:29
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:34
Total/NA	Analysis	SM 4500 SO4 E		10	779975	TR	EET CHI	08/05/24 16:20

Client Sample ID: MW-07

Lab Sample ID: 500-254463-10

Date Collected: 08/05/24 10:04

Matrix: Water

Date Received: 08/05/24 16:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:34
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:10
Total/NA	Analysis	SM 2540C		1	779992	CLB	EET CHI	08/06/24 00:24
Total/NA	Analysis	SM 4500 Cl- E		5	780589	TR	EET CHI	08/08/24 14:24
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:39
Total/NA	Analysis	SM 4500 SO4 E		20	781040	TR	EET CHI	08/12/24 15:05

Client Sample ID: MW-08

Lab Sample ID: 500-254463-11

Date Collected: 08/05/24 11:27

Matrix: Water

Date Received: 08/05/24 16:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:36
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:12
Total/NA	Analysis	SM 2540C		1	779992	CLB	EET CHI	08/06/24 00:26
Total/NA	Analysis	SM 4500 Cl- E		5	780589	TR	EET CHI	08/08/24 14:24
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:44
Total/NA	Analysis	SM 4500 SO4 E		10	781040	TR	EET CHI	08/12/24 14:51

Client Sample ID: MW-09

Lab Sample ID: 500-254463-12

Date Collected: 08/05/24 14:03

Matrix: Water

Date Received: 08/05/24 16:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:38
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:50

Lab Chronicle

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

Job ID: 500-254463-1

Client Sample ID: MW-09
Date Collected: 08/05/24 14:03
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	779992	CLB	EET CHI	08/06/24 00:29
Total/NA	Analysis	SM 4500 Cl- E		5	780589	TR	EET CHI	08/08/24 14:25
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:49
Total/NA	Analysis	SM 4500 SO4 E		5	781040	TR	EET CHI	08/12/24 14:52

Client Sample ID: MW-01
Date Collected: 08/06/24 09:06
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:41
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:52
Total/NA	Analysis	SM 2540C		1	780826	CLB	EET CHI	08/11/24 22:37
Total/NA	Analysis	SM 4500 Cl- E		2	780589	TR	EET CHI	08/08/24 14:25
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:54
Total/NA	Analysis	SM 4500 SO4 E		10	781040	TR	EET CHI	08/12/24 15:06

Client Sample ID: MW-02
Date Collected: 08/06/24 11:29
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:50
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		5	781875	RN	EET CHI	08/16/24 11:59
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:54
Total/NA	Analysis	SM 2540C		1	780826	CLB	EET CHI	08/11/24 22:44
Total/NA	Analysis	SM 4500 Cl- E		1	780589	TR	EET CHI	08/08/24 13:39
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 18:58
Total/NA	Analysis	SM 4500 SO4 E		10	781040	TR	EET CHI	08/12/24 15:06

Client Sample ID: MW-03
Date Collected: 08/06/24 12:59
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:52
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		5	781875	RN	EET CHI	08/16/24 12:02

Lab Chronicle

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

Job ID: 500-254463-1

Client Sample ID: MW-03

Date Collected: 08/06/24 12:59
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:56
Total/NA	Analysis	SM 2540C		1	780826	CLB	EET CHI	08/11/24 22:50
Total/NA	Analysis	SM 4500 Cl- E		1	780589	TR	EET CHI	08/08/24 13:39
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 19:37
Total/NA	Analysis	SM 4500 SO4 E		10	781040	TR	EET CHI	08/12/24 15:06

Client Sample ID: MW-04

Date Collected: 08/06/24 14:08
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		1	781683	RN	EET CHI	08/15/24 12:54
Total Recoverable	Prep	3005A			781186	S1Z	EET CHI	08/13/24 14:48 - 08/13/24 20:48 [1]
Total Recoverable	Analysis	6020B		5	781875	RN	EET CHI	08/16/24 12:04
Total/NA	Prep	7470A			781630	MJG	EET CHI	08/15/24 10:45 - 08/15/24 12:45 [1]
Total/NA	Analysis	7470A		1	781845	MJG	EET CHI	08/16/24 08:58
Total/NA	Analysis	SM 2540C		1	780826	CLB	EET CHI	08/11/24 22:52
Total/NA	Analysis	SM 4500 Cl- E		1	780589	TR	EET CHI	08/08/24 13:39
Total/NA	Analysis	SM 4500 F C		1	781571	SO	EET CHI	08/14/24 19:42
Total/NA	Analysis	SM 4500 SO4 E		20	781040	TR	EET CHI	08/12/24 15:07

[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, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/6/2024 3:46:35 PM

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-254463-2

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Job Notes

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Authorization

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9/6/2024 3:46:35 PM

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

Table of Contents

Job ID: 500-254463-2 — Eurofins Chicago

Job Narrative
500-254463-2

Receipt
The samples were received on 8/2/2024 11:05 AM, 8/5/2024 4:27 PM and 8/7/2024 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 1.1°C, 2.2°C, 2.2°C, 2.5°C, 2.8°C, 3.7°C and 4.7°C.

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

Method Summary

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

Job ID: 500-254463-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-254463-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-254463-1	MW-13	Water	08/01/24 16:01	08/02/24 11:05
500-254463-2	MW-14	Water	08/01/24 16:49	08/02/24 11:05
500-254463-3	MW-15	Water	08/01/24 17:36	08/02/24 11:05
500-254463-4	1N/1S Duplicate	Water	08/01/24 00:00	08/02/24 11:05
500-254463-10	MW-07	Water	08/05/24 10:04	08/05/24 16:27
500-254463-11	MW-08	Water	08/05/24 11:27	08/05/24 16:27
500-254463-12	MW-09	Water	08/05/24 14:03	08/05/24 16:27
500-254463-13	MW-01	Water	08/06/24 09:06	08/07/24 08:40
500-254463-14	MW-02	Water	08/06/24 11:29	08/07/24 08:40
500-254463-15	MW-03	Water	08/06/24 12:59	08/07/24 08:40
500-254463-16	MW-04	Water	08/06/24 14:08	08/07/24 08:40

Client Sample ID: MW-13

Date Collected: 08/01/24 16:01
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.141**		0.0719	0.0730	1.00	0.0834	pCi/L	08/09/24 07:54	09/03/24 20:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.5*		*30 - 110*	*08/09/24 07:54*	*09/03/24 20:25*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.268	0.270	1.00	0.402	pCi/L	08/09/24 07:58	08/21/24 12:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.5*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:27*	*1*
Y Carrier	*86.7*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:27*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.494**		0.277	0.280	5.00	0.402	pCi/L		09/06/24 12:26	1

Client Sample ID: MW-14

Date Collected: 08/01/24 16:49
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-2

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.435		0.126	0.132	1.00	0.126	pCi/L	08/09/24 07:54	09/03/24 20:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.1*		*30 - 110*	*08/09/24 07:54*	*09/03/24 20:25*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.980		0.383	0.394	1.00	0.481	pCi/L	08/09/24 07:58	08/21/24 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.1*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:29*	*1*
Y Carrier	*89.7*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:29*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.42		0.403	0.416	5.00	0.481	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-15
Date Collected: 08/01/24 17:36
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-3
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.301		0.115	0.118	1.00	0.131	pCi/L	08/09/24 07:54	09/03/24 20:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/09/24 07:54*	*09/03/24 20:25*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.974		0.406	0.416	1.00	0.528	pCi/L	08/09/24 07:58	08/21/24 12:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:30*	*1*
Y Carrier	*88.6*		*30 - 110*	*08/09/24 07:58*	*08/21/24 12:30*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.28		0.422	0.432	5.00	0.528	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: 1N/1S Duplicate

Date Collected: 08/01/24 00:00
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-4

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.380**		0.104	0.109	1.00	0.0898	pCi/L	08/09/24 08:06	09/03/24 23:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:05*	*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	0.425	U	0.305	0.307	1.00	0.461	pCi/L	08/09/24 08:14	08/20/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.805**		0.322	0.326	5.00	0.461	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-07

Date Collected: 08/05/24 10:04
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-10

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.277		0.0962	0.0994	1.00	0.0973	pCi/L	08/09/24 08:06	09/03/24 23:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.703		0.355	0.361	1.00	0.480	pCi/L	08/09/24 08:14	08/20/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.3*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*
Y Carrier	*75.5*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.980		0.368	0.374	5.00	0.480	pCi/L		09/06/24 12:26	1

Client Sample ID: MW-08

Date Collected: 08/05/24 11:27
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-11

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.212		0.0848	0.0869	1.00	0.0893	pCi/L	08/09/24 08:06	09/03/24 23:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.6*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:05*	*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	0.255	U	0.307	0.308	1.00	0.507	pCi/L	08/09/24 08:14	08/20/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.6*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:13*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.468	U	0.318	0.320	5.00	0.507	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-09

Date Collected: 08/05/24 14:03
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-12

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0952	U	0.0679	0.0684	1.00	0.0959	pCi/L	08/09/24 08:06	09/03/24 23:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.191	U	0.313	0.314	1.00	0.536	pCi/L	08/09/24 08:14	08/20/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.286	U	0.320	0.321	5.00	0.536	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-01

Date Collected: 08/06/24 09:06
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-13

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.215		0.0859	0.0880	1.00	0.0913	pCi/L	08/09/24 08:06	09/03/24 23:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.5*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.251	U	0.305	0.306	1.00	0.504	pCi/L	08/09/24 08:14	08/20/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.5*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.466	U	0.317	0.318	5.00	0.504	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-02

Date Collected: 08/06/24 11:29
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-14

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.254		0.0936	0.0963	1.00	0.0980	pCi/L	08/09/24 08:06	09/03/24 23:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:10*	*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	0.522		0.327	0.331	1.00	0.477	pCi/L	08/09/24 08:14	08/20/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.776		0.340	0.345	5.00	0.477	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-03

Date Collected: 08/06/24 12:59
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-15

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.263		0.0948	0.0977	1.00	0.0988	pCi/L	08/09/24 08:06	09/03/24 23:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*105*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:10*	*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	0.602		0.324	0.329	1.00	0.450	pCi/L	08/09/24 08:14	08/20/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*105*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.865		0.338	0.343	5.00	0.450	pCi/L		09/06/24 12:26	1

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

Job ID: 500-254463-2

Client Sample ID: MW-04

Date Collected: 08/06/24 14:08
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-16

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.216		0.0883	0.0904	1.00	0.0981	pCi/L	08/09/24 08:06	09/03/24 23:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*08/09/24 08:06*	*09/03/24 23:10*	*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	0.669		0.352	0.357	1.00	0.492	pCi/L	08/09/24 08:14	08/20/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/09/24 08:14*	*08/20/24 12:14*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.885		0.363	0.368	5.00	0.492	pCi/L		09/06/24 12:26	1

Definitions/Glossary

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

Job ID: 500-254463-2

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

Rad

Prep Batch: 674439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	PrecSep-21	
500-254463-2	MW-14	Total/NA	Water	PrecSep-21	
500-254463-3	MW-15	Total/NA	Water	PrecSep-21	
MB 160-674439/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-674439/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 674440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-1	MW-13	Total/NA	Water	PrecSep_0	
500-254463-2	MW-14	Total/NA	Water	PrecSep_0	
500-254463-3	MW-15	Total/NA	Water	PrecSep_0	
MB 160-674440/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-674440/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 674443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-4	1N/1S Duplicate	Total/NA	Water	PrecSep-21	
500-254463-10	MW-07	Total/NA	Water	PrecSep-21	
500-254463-11	MW-08	Total/NA	Water	PrecSep-21	
500-254463-12	MW-09	Total/NA	Water	PrecSep-21	
500-254463-13	MW-01	Total/NA	Water	PrecSep-21	
500-254463-14	MW-02	Total/NA	Water	PrecSep-21	
500-254463-15	MW-03	Total/NA	Water	PrecSep-21	
500-254463-16	MW-04	Total/NA	Water	PrecSep-21	
MB 160-674443/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-674443/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 674444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-254463-4	1N/1S Duplicate	Total/NA	Water	PrecSep_0	
500-254463-10	MW-07	Total/NA	Water	PrecSep_0	
500-254463-11	MW-08	Total/NA	Water	PrecSep_0	
500-254463-12	MW-09	Total/NA	Water	PrecSep_0	
500-254463-13	MW-01	Total/NA	Water	PrecSep_0	
500-254463-14	MW-02	Total/NA	Water	PrecSep_0	
500-254463-15	MW-03	Total/NA	Water	PrecSep_0	
500-254463-16	MW-04	Total/NA	Water	PrecSep_0	
MB 160-674444/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-674444/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-674439/1-A
Matrix: Water
Analysis Batch: 677738

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 674439

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01013	U	0.0355	0.0355	1.00	0.0830	pCi/L	08/09/24 07:54	09/03/24 20:19	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.8*		*30 - 110*	*08/09/24 07:54*	*09/03/24 20:19*	*1*

Lab Sample ID: LCS 160-674439/2-A
Matrix: Water
Analysis Batch: 677738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 674439

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.901		0.932	1.00	0.0992	pCi/L	93	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*98.5*		*30 - 110*

Lab Sample ID: MB 160-674443/1-A
Matrix: Water
Analysis Batch: 677928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 674443

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01754	U	0.0406	0.0407	1.00	0.0931	pCi/L	08/09/24 08:06	09/03/24 20:26	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*08/09/24 08:06*	*09/03/24 20:26*	*1*

Lab Sample ID: LCS 160-674443/2-A
Matrix: Water
Analysis Batch: 677928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 674443

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.362		0.785	1.00	0.0920	pCi/L	77	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*105*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-674440/1-A
Matrix: Water
Analysis Batch: 676130

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 674440

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.06749	U	0.262	0.262	1.00	0.509	pCi/L	08/09/24 07:58	08/21/24 12:23	1

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	99.8		30 - 110	08/09/24 07:58	08/21/24 12:23	1
Y Carrier	84.9		30 - 110	08/09/24 07:58	08/21/24 12:23	1

Lab Sample ID: LCS 160-674440/2-A
Matrix: Water
Analysis Batch: 676130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 674440

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.58	9.609		1.29	1.00	0.476	pCi/L	112	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	98.5		30 - 110
Y Carrier	85.2		30 - 110

Lab Sample ID: MB 160-674444/1-A
Matrix: Water
Analysis Batch: 675777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 674444

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6358		0.348	0.353	1.00	0.485	pCi/L	08/09/24 08:14	08/20/24 12:13	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110	08/09/24 08:14	08/20/24 12:13	1
Y Carrier	74.4		30 - 110	08/09/24 08:14	08/20/24 12:13	1

Lab Sample ID: LCS 160-674444/2-A
Matrix: Water
Analysis Batch: 675777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 674444

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.58	9.222		1.24	1.00	0.465	pCi/L	107	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	105		30 - 110
Y Carrier	78.1		30 - 110

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
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Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-254463
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 500-254463 COC	PO #: 4502116506			
Email: patricka@kprginc.com	WO #:			
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			Other:
Site: Illinois	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E											Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N												
MW-01	—	—	—	Water																	
MW-02	—	—	—	Water																	
MW-03	—	—	—	Water																	
MW-04	—	—	—	Water																	
MW-07	—	—	—	Water																	
MW-08	—	—	—	Water																	
MW-09	—	—	—	Water																	
1 MW-13	8-1-24	16:01	G	Water	N	N	X	X	X											5	
2 MW-14	8-1-24	16:49	G	Water	N	N	X	X	X											5	
3 MW-15	8-1-24	17:36	G	Water	N	N	X	X	X											5	
4 1N/1S Duplicate	8-1-24	—	G	Water	N	N	X	X	X											5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8-2-24	11:05 KPRG		8/2/24 1105	EET A
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.3-2.2, 2.9-2.8, 4.8-2.7 30 Oct 24

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: IAN JOHN HOWICSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126447-48726 1
Client Contact: Mr Tim Stohner	Phone: 630-290-6850	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 500-254463
Address: 414 Plaza Drive Suite 106	Due Date Requested:			Preservation Codes: D HNO3, N None
City: Westmont	TAT Requested (days):			
State, Zip: IL, 60559	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4502116506			
Email: tims@kprginc.com	WO #:			
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609			
Site: Illinois	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-05	—	—	—	Water							
MW-06	—	—	—	Water							
MW-09	—	—	—	Water							
MW-10	—	—	—	Water							
5 MW-11	8-1-24	11:47	G	Water	N	N	X	X	X	5	
6 MW-12	8-1-24	14:54	G	Water	N	N	X	X	X	5	
7 2S/3S Duplicate	8-1-24	—	G	Water	N	N	X	X	X	5	
8 MW-16	8-1-24	13:08	G	Water	N	N	X	X	X	5	
9 MW-17	8-1-24	14:12	G	Water	N	N	X	X	X	5	

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	8-2-24 11:05	KPRG		8/2/24 1105	EET
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HOWIESON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630 290 6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 500-254463

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):	
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No	
Phone:	PO #: 4502116506	
Email: patricka@kprginc.com	WO #:	
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609	Other:
Site: Illinois	SSOW#:	

500-254463 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
MW-01	—	—	—	Water							
MW-02	—	—	—	Water							
MW-03	—	—	—	Water							
MW-04	—	—	—	Water							
MW-07	8-5-24	10:04	G	Water	N	N	X	X	X	5	
MW-08	8-5-24	11:27	G	Water	N	N	X	X	X	5	
MW-09	8-5-24	14:03	G	Water	N	N	X	X	X	5	
MW-13	—	—	—	Water							
MW-14	—	—	—	Water							
MW-15	—	—	—	Water							
1N/1S Duplicate	—	—	—	Water							

8-5-24

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8-5-24 16:27	KPRG		8/5/24 1627	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No.,,	Cooler Temperature(s) °C and Other Remarks.
		1.2-1.1-2.3-2.2 28d

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2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

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Client Information	Sampler: IAN JOHN HONGSON	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-126448-45943 1
Client Contact: Patrick Allenstein	Phone: 630-290-6850	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 500-254463

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Preservation Codes: D - HNO3 N - None
City: Brookfield	TAT Requested (days):	
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No	
Phone: 500-254463 COC	PO #: 4502116506	
Email: patricka@kprginc com	WO #:	
Project Name: Will County 1N/1S Event Desc: Quarterly GW Monitoring CCR	Project #: 50011609	Other:
Site: Illinois	SSOW#:	

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	N		
13	MW-01	8-6-24	09:06	G	Water	N	N	X	X	X	5	
14	MW-02	8-6-24	11:29	G	Water	N	N	X	X	X	5	
15	MW-03	8-6-24	12:59	G	Water	N	N	X	X	X	5	
16	MW-04	8-6-24	14:08	G	Water	N	N	X	X	X	5	
	MW-07	—	—	—	Water							
	MW-08	—	—	—	Water							
	MW-09	—	—	—	Water							
	MW-13	—	—	—	Water							
	MW-14	—	—	—	Water							
	MW-15	—	—	—	Water							
	1N/1S Duplicate	—	—	—	Water							

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8-7-24	08:40 KPRG		8/7/24 0840	BETA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:	3.8=3.7/26-725

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-191240.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-254463-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/22/2024			Preservation Codes:
City: Earth City	TAT Requested (days):			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:			
Email:	WO #:			
Project Name: Will County CCR (RAD)	Project #: 50011609			
Site: NRG Midwest Generation Will County	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-13 (500-254463-1)	8/1/24	16:01 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-14 (500-254463-2)	8/1/24	16:49 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-15 (500-254463-3)	8/1/24	17:36 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
1N/1S Duplicate (500-254463-4)	8/1/24	Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-11 (500-254463-5)	8/1/24	11:47 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-12 (500-254463-6)	8/1/24	14:54 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
2S/3S Duplicate (500-254463-7)	8/1/24	Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-16 (500-254463-8)	8/1/24	13:08 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-17 (500-254463-9)	8/1/24	14:12 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	8/2/24 1520		Sierra Worthington	AUG 05 2024 0845	GDSD
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 04/02/2024

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-191309.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-254463-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/9/2024			
City: Earth City	TAT Requested (days):			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:			
Email:	WO #:			
Project Name: Will County CCR (RAD)	Project #: 50011609			
Site: NRG Midwest Generation Will County	SSOW#:			

Analysis Requested

Preservation Codes:

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-07 (500-254463-10)	8/5/24	10:04 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-08 (500-254463-11)	8/5/24	11:27 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-09 (500-254463-12)	8/5/24	14:03 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Shiv Sood	8/6/24 1315		Sierra Worthington	AUG 07 2024 0840	EAEBL
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 04/02/2024

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-191386.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-254463-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/23/2024			
City: Earth City	TAT Requested (days):			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:			
Email:	WO #:			
Project Name: Will County CCR	Project #: 50011609			
Site: NRG Midwest Generation Will County	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-01 (500-254463-13)	8/6/24	09:06 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-02 (500-254463-14)	8/6/24	11:29 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-03 (500-254463-15)	8/6/24	12:59 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-04 (500-254463-16)	8/6/24	14:08 Central		Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.

Preservation Codes:
-
Other:

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

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

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	08/07/24 1435	EETA			
2	Relinquished by:	Date/Time:	Company	Received by: M. Pinette	Date/Time: AUG 08 20240820	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-254463-2

Login Number: 254463
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2,2.8,4.7,1.1,2.2,3.7,2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-254463-2

Login Number: 254463
List Number: 2
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 08/05/24 12:26 PM

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

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-254463-2

Login Number: 254463
List Number: 3
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 08/07/24 12:35 PM

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

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-254463-2

Login Number: 254463
List Number: 4
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/08/24 11:40 AM

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

Lab Chronicle

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

Job ID: 500-254463-2

Client Sample ID: MW-13
Date Collected: 08/01/24 16:01
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674439	BMW	EET SL	08/09/24 07:54
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 20:25
Total/NA	Prep	PrecSep_0			674440	BMW	EET SL	08/09/24 07:58
Total/NA	Analysis	904.0		1	676084	FLC	EET SL	08/21/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-14
Date Collected: 08/01/24 16:49
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674439	BMW	EET SL	08/09/24 07:54
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 20:25
Total/NA	Prep	PrecSep_0			674440	BMW	EET SL	08/09/24 07:58
Total/NA	Analysis	904.0		1	675968	FLC	EET SL	08/21/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-15
Date Collected: 08/01/24 17:36
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674439	BMW	EET SL	08/09/24 07:54
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 20:25
Total/NA	Prep	PrecSep_0			674440	BMW	EET SL	08/09/24 07:58
Total/NA	Analysis	904.0		1	675968	FLC	EET SL	08/21/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: 1N/1S Duplicate
Date Collected: 08/01/24 00:00
Date Received: 08/02/24 11:05

Lab Sample ID: 500-254463-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677928	SCB	EET SL	09/03/24 23:05
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:13
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-07
Date Collected: 08/05/24 10:04
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677928	SCB	EET SL	09/03/24 23:05
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:13
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-08
Date Collected: 08/05/24 11:27
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677928	SCB	EET SL	09/03/24 23:05
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:13
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-09
Date Collected: 08/05/24 14:03
Date Received: 08/05/24 16:27

Lab Sample ID: 500-254463-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677928	SCB	EET SL	09/03/24 23:06
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:14
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-01
Date Collected: 08/06/24 09:06
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677928	SCB	EET SL	09/03/24 23:06
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:14
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Lab Chronicle

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

Job ID: 500-254463-2

Client Sample ID: MW-02

Date Collected: 08/06/24 11:29
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 23:10
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:14
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-03

Date Collected: 08/06/24 12:59
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 23:10
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:14
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Client Sample ID: MW-04

Date Collected: 08/06/24 14:08
Date Received: 08/07/24 08:40

Lab Sample ID: 500-254463-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			674443	BMW	EET SL	08/09/24 08:06
Total/NA	Analysis	903.0		1	677741	SCB	EET SL	09/03/24 23:10
Total/NA	Prep	PrecSep_0			674444	BMW	EET SL	08/09/24 08:14
Total/NA	Analysis	904.0		1	675777	CMM	EET SL	08/20/24 12:14
Total/NA	Analysis	Ra226_Ra228		1	678512	CAH	EET SL	09/06/24 12:26

Laboratory References:

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

Tracer/Carrier Summary

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

Job ID: 500-254463-2

Method: 903.0 - Radium-226 (GFPC)

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

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)
500-254463-1	MW-13	97.5
500-254463-2	MW-14	95.1
500-254463-3	MW-15	90.7
500-254463-4	1N/1S Duplicate	104
500-254463-10	MW-07	97.3
500-254463-11	MW-08	96.6
500-254463-12	MW-09	94.8
500-254463-13	MW-01	98.5
500-254463-14	MW-02	99.3
500-254463-15	MW-03	105
500-254463-16	MW-04	102
LCS 160-674439/2-A	Lab Control Sample	98.5
LCS 160-674443/2-A	Lab Control Sample	105
MB 160-674439/1-A	Method Blank	99.8
MB 160-674443/1-A	Method Blank	101

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

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

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)	Y (30-110)
500-254463-1	MW-13	97.5	86.7
500-254463-2	MW-14	95.1	89.7
500-254463-3	MW-15	90.7	88.6
500-254463-4	1N/1S Duplicate	104	81.1
500-254463-10	MW-07	97.3	75.5
500-254463-11	MW-08	96.6	76.6
500-254463-12	MW-09	94.8	78.1
500-254463-13	MW-01	98.5	78.1
500-254463-14	MW-02	99.3	80.0
500-254463-15	MW-03	105	78.1
500-254463-16	MW-04	102	77.8
LCS 160-674440/2-A	Lab Control Sample	98.5	85.2
LCS 160-674444/2-A	Lab Control Sample	105	78.1
MB 160-674440/1-A	Method Blank	99.8	84.9
MB 160-674444/1-A	Method Blank	101	74.4

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-24
Sample Name	MW-01	Start Time	08:48	
Condition of Well	GOOD			
Water Level	10.56	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	2.75 QTS.	W L at Sample Time	10.61	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR.	
Sample Analysis	CCA + CCR	Sample Time	09:06	
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)
08:51	10.61	7.12	17.4	1.212	6.87	39.7	16.96
08:54	10.59	7.01	18.1	1.234	5.06	16.6	19.90
08:57	10.61	6.99	18.3	1.247	3.59	1.5	17.88
09:00	10.62	6.99	18.4	1.248	3.33	-5.3	18.59
09:03	10.59	7.00	18.1	1.243	2.77	-14.1	17.42
09:06	10.61	7.01	18.0	1.239	2.69	-16.5	17.92

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-24
Sample Name	MW-02	Start Time	11:11	
Condition of Well	GOOD			
Water Level	11.72	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.75 GAL	W L at Sample Time	11.72	
Method of Sample	Low-Flow	Sample Characteristics	SLIGHTLY CLEAR	
Sample Analysis	CCA + CCR	Sample Time	11:29	
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)
11:14	11.73	7.84	18.3	1.115	6.06	57.1	1.95
11:17	11.73	7.66	17.2	1.078	1.66	-43.1	17.53
11:20	11.72	7.63	17.9	1.084	0.81	-73.4	18.97
11:23	11.72	7.62	18.2	1.090	0.53	-82.6	15.24
11:26	—	7.62	18.1	1.090	0.44	-85.0	14.31
11:29	11.72	7.62	18.2	1.089	0.40	-86.4	13.32

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-6-24
Sample Name	MW-03	Start Time	12:38	
Condition of Well	GOOD			
Water Level	11.85	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.5 QTS.	W L at Sample Time	11.97	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCA + CCR	Sample Time	12:59	
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)
12:41	11.94	7.73	21.7	1.016	7.06	112.9	1.64
12:44	11.96	7.00	17.7	1.005	5.91	87.7	0.78
12:47	11.95	6.76	16.8	1.027	3.81	101.7	0.39
12:50	11.94	6.70	16.6	1.030	3.05	116.5	0.32
12:53	11.96	6.68	16.4	1.028	2.72	125.7	0.41
12:56	11.97	6.67	16.3	1.033	2.12	131.2	0.59
12:59	11.97	6.66	16.3	1.035	1.89	132.8	0.75

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE 8-6-24
Sample Name	MW-04	Start Time	13:47
Condition of Well	Good		
Water Level	11.83	Total Depth	—
Well Diameter	PVC – 2 inch	Volume in Well	—
Method of Purge	Low-Flow	Purge Characteristics	TAN TINT / RUST COLORED PARTICLES ODORLESS
Volume Removed	2.75 GAL	W L at Sample Time	11.87
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR
Sample Analysis	CCA + CCR	Sample Time	14:08
Water Quality Meter	YSI ProDss		

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
13:50	11.93	6.94	16.8	1.651	6.46	181.5	13.45
13:53	11.88	6.65	16.2	1.654	2.79	189.9	62.86
13:56	11.89	6.58	16.4	1.672	1.36	190.5	58.20
13:59	11.88	6.56	17.4	1.711	0.94	188.8	40.31
14:02	11.86	6.56	17.6	1.727	0.63	186.5	28.11
14:05	11.88	6.56	17.6	1.731	0.45	184.1	28.58
14:08	11.87	6.56	17.6	1.731	0.43	183.3	24.01

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-24
Sample Name	MW-07	Start Time	09:43	
Condition of Well	GOOD			
Water Level	11.46	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	3.0 GAL	W L at Sample Time	11.65	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCA + CCR	Sample Time	10:04	
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)
09:46	11.63	7.16	19.0	1.984	7.06	86.7	24.14
09:49	11.65	7.06	17.2	1.750	7.06	53.4	35.01
09:52	11.65	7.13	17.8	1.756	4.29	24.5	32.19
09:55	—	7.23	17.9	1.734	3.34	0.5	51.28
09:58	11.67	7.30	17.7	1.717	2.57	-13.7	45.32
10:01	—	7.35	17.4	1.699	1.92	-25.8	44.70
10:04	11.65	7.38	17.3	1.695	1.86	-30.3	50.71

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8.5-24
Sample Name	MW-08	Start Time	11:12	
Condition of Well	GOOD			
Water Level	11.62	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE ODORLESS TURB	
Volume Removed	2.0 GAL	W L at Sample Time	11.94	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCA + CCR	Sample Time	11:27	
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)
11:15	11.94	7.29	19.9	1.943	7.87	23.4	46.57
11:18	11.96	7.13	17.4	1.877	5.37	-17.2	77.23
11:21	—	7.05	17.2	1.864	4.07	-21.0	42.83
11:24	11.99	7.03	16.8	1.842	3.98	-22.6	3.48
11:27	11.94	7.01	16.6	1.831	3.21	-23.1	3.52

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-5-24
Sample Name	MW-09	Start Time	12:29	
Condition of Well	GOOD			
Water Level	11.57	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	2.25 QTS	W L at Sample Time	11.85	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCA+CCR+CCR (IN/IS 25/35)	Sample Time	12:47	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
12:32	11.63	7.83	23.0	1.565	6.88	-48.3	3.29
12:35	11.82	8.17	20.0	1.451	3.33	-55.4	2.54
12:38	11.85	8.53	19.2	1.433	2.02	-61.2	2.96
12:41	11.86	8.63	18.9	1.427	1.36	-62.6	3.01
12:44	11.86	8.69	18.7	1.426	0.92	-65.2	2.82
12:47	11.85	8.71	18.7	1.424	0.87	-66.5	2.67

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE	8-1-24
Sample Name	MW-13	Start Time	15:43	
Condition of Well	GOOD			
Water Level	10.99	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.5 QTS	W L at Sample Time	11.28	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCR	Sample Time	16:01	
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)
15:46	11.13	7.87	20.4	1.542	5.82	218.6	9.20
15:49	11.14	7.81	19.3	1.417	3.01	232.3	7.84
15:52	11.18	7.77	19.4	1.403	1.84	237.1	8.89
15:55	11.21	7.74	20.6	1.429	1.28	238.7	8.91
15:58	11.26	7.73	20.1	1.392	0.92	241.2	9.29
16:01	11.28	7.72	19.5	1.349	0.88	243.3	9.80

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE 8-1-24
Sample Name	MW-14	Start Time	16:28
Condition of Well	GOOD		
Water Level	10.55	Total Depth	—
Well Diameter	PVC – 2 inch	Volume in Well	—
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS
Volume Removed	3.0 QTS	W L at Sample Time	10.63
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR
Sample Analysis	CCR	Sample Time	16:49
Water Quality Meter	YSI ProDss		

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
16:31	10.61	8.31	19.2	1.191	3.37	65.1	3.23
16:34	10.59	8.39	19.0	1.117	2.04	-28.7	3.29
16:37	10.62	8.40	20.1	1.097	1.52	-58.2	3.57
16:40	10.63	8.43	20.4	1.100	1.25	-69.6	3.54
16:43	10.63	8.46	20.6	1.092	1.10	-78.5	3.66
16:46	10.63	8.46	20.9	1.090	0.95	-84.2	3.77
16:49	10.63	8.45	21.1	1.090	0.94	-86.4	3.94

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

PROJECT NAME	NRG – WILL COUNTY STATION (12313.3)		DATE 8-1-24
Sample Name	MW-15	Start Time	17:12
Condition of Well	GOOD		
Water Level	10.45	Total Depth	—
Well Diameter	PVC – 2 inch	Volume in Well	—
Method of Purge	Low-Flow	Purge Characteristics	GREYISH-TAN TINT ODORLESS
Volume Removed	3.75 QTS.	W L at Sample Time	10.83
Method of Sample	Low-Flow	Sample Characteristics	TAN TINT SLIGHT TURB
Sample Analysis	CCR	Sample Time	17:36
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)
17:15	10.59	7.86	16.9	1.235	5.93	34.1	29.77
17:18	10.62	7.82	17.1	1.254	3.45	-28.9	75.02
17:21	10.72	7.81	17.2	1.263	2.40	-44.9	84.16
17:24	10.80	7.79	17.3	1.268	1.10	-47.8	131.22
17:27	10.84	7.74	16.9	1.264	0.61	-42.0	102.82
17:30	10.91	7.69	16.9	1.258	0.51	-36.0	95.10
17:33	10.88	7.67	17.2	1.263	0.48	-32.4	64.58
17:36	10.83	7.62	17.6	1.274	0.43	-29.1	59.82

SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates