DATA SUMMARY POSTING

Station: Midwest Generation Waukegan Generating Station

Regulated Unit(s): East Pond (BOL Log No. 2021-512)
West Pond (BOL Log No. 2021-513)
Old Pond (BOL Log Number unassigned)

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 2026 which includes the entire list of parameters specified under Section 845.600(a)(1) and (b). Table 1 is a summary table of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring.

No background statistics or proposed Groundwater Protection Standards are included on these tables. The background statistics and Proposed Groundwater Protection Standards were submitted to Illinois Environmental Protection Agency (EPA) as part of the Application for Initial Operating Permit submitted on October 31, 2021. Upon Illinois EPA approval of the Operating Permit and Proposed Groundwater Protection Standards, the approved comparison values will be included on the tables for subsequent data comparisons/evaluations.

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-09 up-gradient	11/4/2015	13	210	450	0.14	6.60	370	1700	< 0.0030	< 0.0010	0.015	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.081	< 0.00020	0.26	0.1818	< 0.0025	< 0.0020	NA
	3/2/2016	35	380	720	0.11	7.02	970	2800	< 0.0030	0.060	0.050	< 0.0010	< 0.00050	0.043	< 0.0010	0.00061	0.094	< 0.00020	0.51	< 0.360	0.025	< 0.0020	NA
	5/3/2016	16	310	620	0.12	7.02	740	2500	< 0.0030	0.0014	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.083	< 0.00020	0.63	< 0.512	0.024	< 0.0020	NA
	8/25/2016	4.5	130	270	0.21	7.13	190	1100	0.0041	0.042	0.024	< 0.0010	0.0011	0.056	0.0027	0.0012	0.049	< 0.00020	0.063	0.482	0.039	< 0.0020	NA
	12/8/2016	15	200	330	0.18	7.01	270	1300	< 0.0030	0.0040	0.016	< 0.0010	0.00052	< 0.0050	< 0.0010	< 0.00050	0.077	< 0.00020	0.24	< 0.720	0.038	< 0.0020	NA
	2/23/2017	14	190	290	0.12	7.68	320	1300	< 0.0030	0.0027	0.014	< 0.0010	< 0.00050	0.059	0.0018	< 0.00050	0.068	< 0.00020	0.26	< 0.461	0.016	< 0.0020	NA
	5/16/2017	27	160	67	0.29	8.15	420	970	< 0.0030	< 0.0010	0.0094	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.51	< 0.342	0.0085	< 0.0020	NA
	7/6/2017	21	220	430	0.13	7.18	610	1800	< 0.0030	0.0020	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.089	< 0.00020	0.31	< 0.316	0.021	< 0.0020	NA
	9/13/2017	21	250	420	0.14	7.17	520	1800	< 0.0030	0.0067	0.019	< 0.0010	< 0.00050	0.0052	0.0017	< 0.00050	0.069	< 0.00020	0.33	0.944	0.0041	< 0.0020	NA
	11/29/2017	26	200	390	0.13	7.05	390	1600	< 0.0030	0.0017	0.015	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.086	< 0.00020	0.47	0.625	0.042	< 0.0020	NA
	5/31/2018	32	200	29	0.10	6.85	490	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	30	170	23	0.11	7.33	290	930	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	26	120	260	0.13	7.53	31	1000	< 0.0030	< 0.0010	0.0073	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.035	< 0.00020	0.54	< 0.433	< 0.0025	< 0.0020	NA
	11/19/2019	22	160	17	0.16	8.04	300	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	22	140	9.2	0.18	7.81	360	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/18/2020	28	250	290	0.18	7.43	420	1700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	31	170	35	0.12	7.51	420	910	< 0.0030	< 0.0010	0.0075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.47	< 0.614	0.023	< 0.0020	3.44
	8/19/2021	7.2	150	170	0.13	7.01	210	350	< 0.0030	0.0019	0.015	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	0.0015	0.066	< 0.00020	0.12	< 0.457	0.071	^+< 0.0020	77.36
	11/4/2021	10	150	160	0.24	7.07	180	980	< 0.0030	0.0026	0.074	^1+< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.060	< 0.00020	0.12	< 0.775	0.097	< 0.0020	12.66
	2/10/2022	9.5	190	220	0.17	7.11	270	1300	< 0.0030	0.015	0.033	< 0.0010	0.00076	< 0.0050	0.0038	< 0.00050	0.065	< 0.00020	0.21	< 0.523	0.036	< 0.0020	34.39
	5/24/2022	5.3	150	180	0.23	7.15	200	940	< 0.0030	0.0019	0.020	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	0.18	< 0.444	< 0.0025	< 0.0020	170.87
	8/23/2022	12	170	170	0.22	7.14	290	1100	< 0.0030	0.0012	0.046	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.21	0.487	0.0034	< 0.0020	34.90
	11/7/2022	6.4	160	200	0.51	6.98	220	1100	< 0.0030	0.0083	0.14	^1+ ^+< 0.0010	< 0.00050	< 0.0050	0.0013	0.0034	0.057	< 0.00020	0.088	2.58	< 0.0025	< 0.0020	195.02
	12/21/2022 R	NA	NA	NA	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/14/2023	B 2.8	280	220	0.12	6.97	490	1500	< 0.0030	0.0011	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.062	< 0.00020	0.46	1.01	0.029	< 0.0020	20.46
	5/9/2023	4.7	140	220	0.23	7.08	200	890	< 0.0030	0.0011	0.021	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.15	< 0.557	< 0.0025	< 0.0020	9.34
	8/8/2023	^+ 20	270	380	0.23	6.98	510	1800	< 0.0030	0.0021	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.062	< 0.00020	0.35	0.754	0.022	< 0.0020	18.85
	11/28/2023	2.6	96	170	0.33	7.15	130	750	< 0.0030	0.0071	0.061	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.053	< 0.00020	0.049	0.652	< 0.0025	< 0.0020	27.24
	2/6/2024	2.4	240	150	0.18	6.88	460	1300	^1+< 0.0030	0.0035	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.20	< 0.00020	0.32	1.09	0.0070	< 0.0020	147.43
	5/21/2024	2.3	120	180	0.37	7.12	130	860	< 0.0030	0.027	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.074	0.768	< 0.0025	< 0.0020	105.62
	8/13/2024	8.5	130	91	0.34	7.08	200	860	< 0.0030	0.0062	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.14	1.10	< 0.0025	< 0.0020	10.56
	11/12/2024	2.8	130	170	0.32	7.12	130	870	< 0.0030	0.013	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.055	0.92	< 0.0025	< 0.0020	15.83
	2/4/2025	2.9	130	160	0.27	7.16	180	890	< 0.0030	0.0077	0.070	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.051	< 0.00020	0.053	< 0.507	< 0.0025	< 0.0020	7.13
	5/12/2025	2.3	130	150	0.29	7.04	140	700	< 0.0030	0.012	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.043	0.914	< 0.0025	< 0.0020	19.45
	8/5/2025	8.0	150	230	0.40	6.98	240	1100	< 0.0030	0.018	0.13	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.097	1.54	< 0.0025	< 0.0020	19.19
	11/18/2025	2.8	110	150	0.24	7.12	70	680	< 0.0030	0.026	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	0.020	13.4	< 0.0025	< 0.0020	41.56
	1/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.972	NA	NA	NA
	2/10/2026	15	230	150	0.11	6.98	73	1300	< 0.0010	0.0046	0.091	< 0.00040	< 0.00050	< 0.0050	^5-< 0.0010	0.0015	0.056	< 0.00020	0.37	1.10	0.073	< 0.00040	27.21
	5/12/2026	3.0	120	140	0.21	7.14	130	700	< 0.0010	0.0072	0.054	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.084	1.73	0.0027	< 0.00040	14.94
	8/4/2026	B 2.5	110	140	0.28	7.25	110	730	< 0.0010	0.0062	0.089	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.041	< 0.837	< 0.0025	< 0.00040	20.65
MW-11 up-gradient	11/5/2015	3.2	140	240	0.13	6.51	190	1100	< 0.0030	0.77	0.039	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0010	0.055	< 0.00020	< 0.0050	0.656	< 0.0025	< 0.0020	NA
	3/2/2016	4.0	170	240	0.10	7.16	210	1200	< 0.0030	0.55	0.048	< 0.0010	< 0.00050	0.0058	< 0.0010	0.0011	0.049	< 0.00020	< 0.0050	1.09	< 0.0025	< 0.0020	NA
	5/5/2016	5.0	140	280	0.11	7.17	160	1000	< 0.0030	0.51	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.057	< 0.00020	< 0.0050	1.24	< 0.0025	< 0.0020	NA
	8/26/2016	3.5	180	240	0.13	6.97	110	1100	< 0.0030	1.1	0.050	< 0.0010	< 0.00050	0.0055	< 0.0010	0.00050	0.055	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	NA
	12/7/2016	3.0	170	270	0.12	7.06	110	1200	< 0.0030	0.87	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.87	< 0.0025	< 0.0020	NA
	2/24/2017	2.4	180	220	4.9	6.61	170	1200	< 0.0030	0.58	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.039	< 0.00020	< 0.0050	0.982	< 0.0025	< 0.0020	NA
	5/18/2017	1.8	160	170	0.12	7.42	120	1000	< 0.0030	0.50	0.047	^< 0.0010	< 0.00050	0.0056	< 0.0010	< 0.00050	0.036	< 0.00020	< 0.0050	1.31	< 0.0025	< 0.0020	NA
	7/6/2017	2.4	160	190	0.14	7.33	130	1100	< 0.0030	0.69	0.056	< 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.041	< 0.00020	< 0.0050	0.889	< 0.0025	< 0.0020	NA
	9/13/2017	1.9	140	150	0.26	7.16	96	870	< 0.0030	0.86	0.036	< 0.0010	< 0.00050	0.0080	< 0.0010	0.0071	0.037	< 0.00020	0.0054	0.718	< 0.0025	< 0.0020	NA
	11/30/2017	2.2	170	200	0.14	6.99	93	1100	< 0.0030	0.59	0.050	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.041	< 0.00020	< 0.0050	1.21	< 0.0025	< 0.0020	NA
	5/31/2018	1.5	210	160	0.10	6.74	130	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	2.3	170	150	0.12	7.21	78	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	3.2	120	260	0.13	7.14	31	1000	< 0.0030	0.30	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.50	< 0.0025	< 0.0020	NA
	11/19/2019	4.1	130	200	0.15	7.51	29	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	3.2	110	150	0.15	7.16	47	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/19/2020	2.3	140	130	0.20	7.00	28	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	2.4	130	120	0.15	7.13	45	770	< 0.0030	0.44	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.70	< 0.0025	< 0.0020	2.34
	8/19/2021	1.3	140	88	0.16	6.95	45	730	< 0.0030	1.1	0.055	< 0.0010	< 0.00050	0.0057	^+< 0.0010	< 0.00050	0.033	< 0.00020	< 0.0050	1.89	< 0.0025	^+< 0.0020	139.34
	11/4/2021	1.6	130	100	0.16	6.80	45	740	< 0.0030	0.90	0.052	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	0.0058	1.35	^6+^+< 0.0025	< 0.0020	152.70
	2/10/2022	1.2	150	87	0.17	7.12	44	860	< 0.0030	0.68	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	< 0.0050	0.839	< 0.0025	< 0.0020	13.80
	5/24/2022	1.8	150	95	0.14	6.78	21	820	< 0.0030	0.18	0.041	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	< 0.0050	1.21	< 0.0025	< 0.0020	2.18
	8/23/2022	1.4	140	97	0.18	7.01	30	780	< 0.0030	0.43	0.053	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	< 0.0050	1.05	< 0.0025	< 0.0020	3.17
	11/8/2022	1.4	150	100	0.21	6.87	26	790	< 0.0030	0.55	0.064	^1+ ^+< 0.0010	< 0.00050	0.0050	< 0.0010	0.0032	0.034	< 0.00020	< 0.0050	2.02	< 0.0025	< 0.0020	* 7771.57
	2/14/2023	1.0	150	100	0.15	6.92	36	730	< 0.0030	0.26	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	< 0.0050	1.48	< 0.0025	< 0.0020	5.12
	5/9/2023	1.2	140	100	0.15	6.99	55	790	< 0.0030	0.14	0.051	^+< 0.0010	< 0.00050	0.0051	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	0.927	< 0.0025	< 0.0020	16.30
	8/8/2023	^+ 1.2	140	90	0.16	6.95	67	800	< 0.0030	0.46	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.00020	< 0.0050	2.37	< 0.0025	< 0.0020	11.59
	11/28/2023	1.2	130	82	0.16	7.02	81	790	< 0.0030	0.52	0.069	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	2.37	< 0.0025	< 0.0020	7.01
	2/6/2024	1.2	140	92	0.14	6.94	66	840	^1+< 0.0030	0.13	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	< 0.0050	1.53	< 0.0025	< 0.0020	5.32
	5/21/2024	1.3	140	93	0.16	6.90	67	800	< 0.0030	0.10	0.052	< 0.0010	< 0.00050	0.0051	< 0.0010	< 0.00050	0.030	< 0.00020	< 0.0050	1.23	< 0.0025	< 0.0020	6.08
	8/13/2024	1.2	150	82	0.18	6.93	48	740	< 0.0030	0.16	0.053	< 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.033	< 0.00020	< 0.0050	2.13	< 0.0025	< 0.0020	6.04
	11/12/2024	1.7	100	110	0.17	6.91	37	630	< 0.0030	0.41	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.0081	< 1.17	< 0.0025	< 0.0020	77.59
	2/4/2025	1.9	140	130	0.15	6.97	55	670	< 0.0030	8.3	0.28	^1+< 0.0010	< 0.00050	0.017	< 0.0010	< 0.00050	^5- 0.029	< 0.00020	0.012	2.26	< 0.0025	< 0.0020	847.22
	5/12/2025	0.95	150	65	0.17	6.93	43	700	< 0.0030	2.8	0.14	^1+< 0.0010	< 0.00050	0.011	< 0.0010	< 0.00050	0.027	< 0.00020	< 0.0050	13.2	< 0.0025	< 0.0020	1297.73
	7/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.74	NA	NA	NA
	8/5/2025	0.94	140	F1 67	0.24	6.83	40	700	< 0.0030	0.59	0.068	^1+< 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.029	< 0.00020	< 0.0050	2.12	< 0.0025	< 0.0020	18.32
	11/18/2025	1.7	150	98	0.20	6.95	44	660	< 0.0030	12	0.18	< 0.0010	< 0.00050	0.019	< 0.0010	0.00058	0.037	< 0.00020	0.0054	10.9	< 0.0025	< 0.0020	657.17
	1/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.97	NA	NA	NA
	2/10/2026	1.7	120	120	0.18	7.09	250	680	< 0.0010	0.72	0.049	< 0.00040	< 0.00050	< 0.0050	^5-< 0.0010	< 0.00050	0.030	< 0.00020	0.0054	1.62	< 0.0025	< 0.00040	130.05
	5/12/2026	0.78	130	65	0.17	7.00	35	560	< 0.0010	0.26	0.047	< 0.00040	< 0.00050	0.0052	< 0.0010	< 0.00050	0.027	< 0.00020	< 0.0050	1.21	< 0.0025	< 0.00040	11.30
	6/23/2026	B 0.90	130	57	0.20	6.87	33	630	^1+< 0.0010	0.29	0.049	< 0.00040	< 0.00050	0.0059	< 0.0010	^1+< 0.00050	0.030	< 0.00020	^5+< 0.0050	< 0.256	^1+< 0.0025	< 0.00040	44.15
	8/4/2026	1.0	140	57	0.17	6.99	36	690	< 0.0010	0.32	0.053	< 0.00040	< 0.00050	0.0064	< 0.0010	< 0.00050	0.031	< 0.00020	< 0.0050	2.32	< 0.0025	< 0.00040	28.47
MW-14 up-gradient	11/5/2015	1.4	150	190	0.19	6.78	140	1000	< 0.0030	0.19	0.052	^< 0.0010	< 0.00050	0.010	0.0012	< 0.00050	0.025	< 0.00020	< 0.0050	0.7087	< 0.0025	< 0.0020	NA
	3/2/2016	0.93	150	110	0.17	7.24	150	870	0.015	4.3	0.12	< 0.0010	< 0.00050	1.1	0.0036	0.00068	0.019	< 0.00020	< 0.0050	1.36	< 0.0025	< 0.0020	NA
	5/5/2016	1.2	170	120	0.18	7.17	190	980	< 0.0030	0.35	0.054	< 0.0010	< 0.00050	0.017	0.0014	< 0.00050	0.021	< 0.00020	< 0.0050	< 0.488	< 0.0025	< 0.0020	NA
	8/26/2016	1.5	200	210	0.12	7.00	190	1300	< 0.0030	1.0	0.058	< 0.0010	< 0.00050	0.021	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	0.75	< 0.0025	< 0.0020	NA
	12/7/2016	0.95	240	340	0.25	6.81	120	1100	0.010	19	0.42	< 0.0010	0.00089	4.6	0.0025	0.00084	0.022	< 0.00020	0.0094	< 0.866	0.014	< 0.0020	NA
	2/23/2017	0.73	150	99	0.19	6.88	110	730	0.0061	9.3	0.36	< 0.0010	0.0010	4.6	0.0070	0.00095	0.017	< 0.00020	< 0.0050	< 0.514	0.0031	< 0.0020	NA
	5/18/2017	0.81	120	130	0.30	7.62	70	590	0.0035	3.3	0.44	^< 0.0010	0.0020	4.8	0.0041	0.00054	0.013	0.00043	< 0.0050	0.779	< 0.0025	< 0.0020	NA
	7/6/2017	1.2	190	180	0.13	7.29	190	1300	< 0.0030	0.40	0.071	< 0.0010	< 0.00050	0.026	0.0013	< 0.00050	0.034	< 0.00020	< 0.0050	0.549	< 0.0025	< 0.0020	NA
	9/13/2017	2.3	180	190	0.15	7.20	270	1200	< 0.0030	0.52	0.065	< 0.0010	< 0.00050	0.0078	< 0.0010	< 0.00050	0.025	< 0.00020	< 0.0050	< 0.359	< 0.0025	< 0.0020	NA
	11/30/2017	0.85	170	130	0.19	7.33	99	940	0.0093	21	0.27	^< 0.0010	0.00068	3.2	0.0021	< 0.00050	0.023	< 0.00020	0.0055	1.01	0.0072	< 0.0020	NA
	6/1/2018	0.54	100	57	0.28	6.89	42	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	0.98	160	110	0.24	7.36	53	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	0.69	110	190	0.23	7.25	35	780	0.0036	2.7	0.091	< 0.0010	< 0.00050	0.71	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	0.766	< 0.0025	< 0.0020	NA
	11/19/2019	0.62	130	68	0.16	7.58	21	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	0.43	120	20	0.21	7.16	9.5	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/19/2020	0.71	130	40	0.20	7.09	20	520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	0.45	130	41	0.19	7.16	28	390	< 0.0030	0.91	0.050	< 0.0010	< 0.00050	0.037	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	< 0.739	< 0.0025	< 0.0020	901.40
	8/19/2021	0.48	130	32	0.13	6.96	34	450	< 0.0030	3.3	0.046	< 0.0010	< 0.00050	0.045	^+< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	< 0.597	< 0.0025	^+< 0.0020	77.04
	11/4/2021	0.66	120	37	0.21	7.15	72	580	0.0046	0.37	0.036	^1+< 0.0010	< 0.00050	0.12	< 0.0010	< 0.00050	0.014	< 0.00020	0.0078	< 0.798	0.016	< 0.0020	7.42
	2/10/2022	0.50	150	30	0.16	7.29	58	760	< 0.0030	0.89	0.054	< 0.0010	< 0.00050	0.19	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	0.658	< 0.0025	< 0.0020	81.72
	5/24/2022	0.62	120	33	0.17	7.11	43	570	0.0038	0.60	0.042	^+< 0.0010	< 0.00050	0.028	< 0.0010	< 0.00050	0.012	< 0.00020	0.0053	< 0.656	< 0.0025	< 0.0020	43.52
	8/23/2022	0.58	150	52	0.15	7.03	28	740	< 0.0030	2.7	0.057	^1-< 0.0010	< 0.00050	0.034	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	0.588	< 0.0025	< 0.0020	24.76
	11/8/2022	0.65	150	46	0.20	6.99	28	650	< 0.0030	2.1	0.053	^1+ ^+< 0.0010	< 0.00050	0.099	< 0.0010	0.0034	0.019	< 0.00020	0.0051	2.04	< 0.0025	< 0.0020	311.78
	2/14/2023	0.44	120	23	0.14	6.87	36	480	< 0.0030	1.7	0.047	< 0.0010	< 0.00050	0.71	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	1.12	< 0.0025	< 0.0020	660.17
	5/9/2023	0.42	110	17	0.18	7.07	24	460	0.0030	0.33	0.038	^+< 0.0010	< 0.00050	0.039	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.666	< 0.0025	< 0.0020	16.57
	8/8/2023	^+ 0.48	110	21	0.14	7.11	23	480	< 0.0030	3.5	0.048	< 0.0010	< 0.00050	0.13	< 0.0010	< 0.00050	0.010	< 0.00020	< 0.0050	< 0.772	< 0.0025	< 0.0020	10.85
	11/28/2023	0.52	130	25	0.16	7.05	< 5.0	600	< 0.0030	1.4	0.035	^1+< 0.0010	< 0.00050	0.17	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.914	< 0.0025	< 0.0020	220.56
	2/6/2024	0.47	130	23	0.14	6.95	36	560	^1+< 0.0030	0.42	0.031	< 0.0010	< 0.00050	0.078	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	1.44	< 0.0025	< 0.0020	80.17
	5/21/2024	0.49	110	9.9	0.21	6.95	16	430	0.0030	0.67	0.036	< 0.0010	< 0.00

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-01 down-gradient	11/2/2015	1.8	64	71	0.46	10.93	310	560	< 0.0030	0.074	0.025	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.040	0.0683	0.0047	< 0.0020	NA
	3/1/2016	V 1.9	58	63	0.26	11.13	270	570	< 0.0030	0.10	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.059	< 0.317	< 0.0025	< 0.0020	NA
	5/4/2016	2.0	45	60	0.30	11.09	210	490	< 0.0030	0.11	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	< 0.40	< 0.0025	< 0.0020	NA
	8/23/2016	2.0	42	60	0.26	10.49	240	550	< 0.0030	0.074	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.065	< 0.478	0.0042	< 0.0020	NA
	12/5/2016	2.2	55	65	0.34	10.46	180	560	< 0.0030	0.13	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.465	0.0025	< 0.0020	NA
	2/21/2017	2.2	50	61	0.29	11.30	250	540	< 0.0030	0.15	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	0.516	< 0.0025	< 0.0020	NA
	5/15/2017	2.1	52	59	0.37	10.69	330	570	< 0.0030	0.14	0.017	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.424	0.0036	< 0.0020	NA
	7/5/2017	2.3	44	51	0.34	10.83	320	570	< 0.0030	0.066	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.059	< 0.289	0.0095	< 0.0020	NA
	9/14/2017	2.4	71	47	0.24	10.45	430	770	< 0.0030	0.040	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.383	0.0096	< 0.0020	NA
	11/27/2017	2.7	84	43	0.11	7.85	330	840	< 0.0030	0.021	0.055	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	0.568	0.0230	< 0.0020	NA
	5/29/2018	2.4	54	58	0.33	8.44	350	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	2.0	38	43	0.25	8.70	210	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	2.2	56	45	0.18	9.85	250	560	< 0.0030	0.067	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	0.36	< 0.0025	< 0.0020	NA
	11/19/2019	2.3	38	39	0.24	10.58	240	530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	2.8	55	25	0.22	9.40	240	470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.3	120	95	0.14	7.97	250	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	< 5.0	66	67	0.22	9.00	180	430	< 0.0030	0.025	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.016	< 0.602	< 0.0025	< 0.0020	1.42
	8/18/2021	2.7	72	60	0.17	8.31	170	430	< 0.0030	0.023	0.044	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.471	< 0.0025	^+< 0.0020	2.33
	11/3/2021	2.9	67	60	0.22	8.56	180	440	< 0.0030	0.024	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	0.026	< 0.553	< 0.0025	< 0.0020	3.05
	2/8/2022	3.1	62	42	0.27	8.67	230	530	< 0.0030	0.023	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.002	< 0.0010	0.030	< 0.408	< 0.0025	< 0.0020	4.60
	5/23/2022	3.3	94	34	0.20	7.77	200	490	< 0.0030	0.018	0.053	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	< 0.434	< 0.0025	< 0.0020	2.92
	8/22/2022	2.8	52	43	0.34	8.60	190	430	< 0.0030	0.023	0.027	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	0.698	< 0.0025	< 0.0020	1.31
	11/7/2022	3.0	59	48	0.43	8.45	180	460	< 0.0030	0.024	0.030	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	0.944	< 0.0025	< 0.0020	41.21
	2/13/2023	2.6	46	63	0.24	8.58	170	440	< 0.0030	0.023	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.027	< 0.529	< 0.0025	< 0.0020	2.90
	5/8/2023	2.1	45	54	0.39	8.87	160	370	< 0.0030	0.027	0.022	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	< 0.507	< 0.0025	< 0.0020	3.21
	8/7/2023	^+ 1.8	46	50	0.40	9.08	150	340	< 0.0030	0.022	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.020	< 0.474	< 0.0025	< 0.0020	3.15
	11/27/2023	1.6	54	61	0.31	9.00	140	390	< 0.0030	0.023	0.033	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.018	< 0.560	< 0.0025	< 0.0020	3.74
	2/5/2024	2.3	58	70	0.34	8.57	170	550	^1+< 0.0030	0.022	0.033	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.018	0.684	< 0.0025	< 0.0020	5.07
	5/20/2024	2.3	110	91	0.20	7.57	210	650	< 0.0030	0.017	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	< 0.531	< 0.0025	< 0.0020	4.72
	8/12/2024	1.8	63	81	0.28	8.65	170	460	< 0.0030	0.019	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.606	< 0.0025	< 0.0020	6.80
	11/11/2024	2.4	94	82	0.22	7.40	190	550	< 0.0030	0.012	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.516	0.0036	< 0.0020	2.25
	2/3/2025	1.8	66	75	0.24	7.67	160	420	< 0.0030	0.019	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.403	< 0.0025	< 0.0020	4.31
	5/12/2025	2.2	63	82	0.26	7.66	160	450	< 0.0030	0.013	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.018	< 0.0771	0.0046	< 0.0020	4.02
	8/4/2025	1.8	45	F1 73	0.30	7.14	120	390	< 0.0030	0.015	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.027	< 0.580	< 0.0025	< 0.0020	8.42
	11/17/2025	2.2	45	72	0.33	7.78	150	390	< 0.0030	0.019	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	1.15	< 0.0025	< 0.0020	8.26
	2/9/2026	2.4	61	69	0.18	7.59	150	490	< 0.0010	0.016	0.054	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.030	< 0.284	0.0045	< 0.00040	12.45
	5/11/2026	3.2	84	F1 86	0.21	7.48	220	610	< 0.0010	0.0072	0.060	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.040	< 0.497	0.0090	< 0.00040	4.04
	8/3/2026	B 3.0	97	96	0.16	7.18	260	710	< 0.0010	0.0077	0.071	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.035	1.30	0.013	< 0.00040	13.40
MW-02 down-gradient	11/2/2015	3.0	32	47	0.78	8.27	230	460	< 0.0030	0.014	0.016	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0630	0.4628	< 0.0025	< 0.0020	NA
	3/1/2016	4.1	39	47	1.3	8.57	220	510	< 0.0030	0.011	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.078	0.529	< 0.0025	< 0.0020	NA
	5/4/2016	3.3	34	51	1.5	8.19	180	440	< 0.0030	0.0081	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	< 0.425	< 0.0025	< 0.0020	NA
	8/23/2016	3.1	42	59	1.3	7.52	250	500	< 0.0030	0.0082	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.439	< 0.0025	< 0.0020	NA
	12/5/2016	3.1	28	56	1.0	8.62	160	430	< 0.0030	0.018	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.071	0.509	< 0.0025	< 0.0020	NA
	2/21/2017	3.3	31	52	0.76	8.75	190	420	< 0.0030	0.028	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.051	< 0.416	0.0038	< 0.0020	NA
	5/15/2017	3.6	85	48	0.64	8.33	320	640	< 0.0030	0.020	0.029	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	0.425	0.0230	< 0.0020	NA
	7/5/2017	4.2	100	52	0.42	7.92	300	710	< 0.0030	0.0094	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.295	0.0170	< 0.0020	NA
	9/14/2017	2.5	87	54	0.44	8.19	340	780	< 0.0030	0.012	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.049	0.769	0.0052	< 0.0020	NA
	11/27/2017	3.4	69	57	0.62	7.34	200	570	< 0.0030	0.011	0.022	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.048	< 0.442	< 0.0025	< 0.0020	NA
	5/29/2018	4.5	160	43	0.40	6.85	420	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	3.1	77	59	0.61	8.06	180	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	2.9	47	49	1.0	8.30	140	430	< 0.0030	0.0094	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	0.370	< 0.0025	< 0.0020	NA
	11/19/2019	4.7	140	43	0.68	7.37	270	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	3.4	86	48	1.0	8.02	250	580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	4.0	79	20	0.82	7.67	310	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	4.6	70	37	0.72	8.39	190	420	< 0.0030	0.0080	0.030	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	0.970	< 0.0025	< 0.0020	1.65
	8/18/2021	4.1	84	39	0.50	7.92	190	480	< 0.0030	0.0088	0.029	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.525	< 0.0025	^+< 0.0020	9.03
	11/3/2021	4.2	59	43	0.63	7.78	170	410	< 0.0030	0.0090	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	0.030	0.763	< 0.0025	< 0.0020	4.05
	2/8/2022	0.2	71	34	0.50	8.00	200	580	< 0.0030	0.021	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00069	0.0055	< 0.00020	0.028	0.640	< 0.0025	< 0.0020	13.40
	5/23/2022	3.5	77	30	0.46	8.12	190	510	< 0.0030	0.020	0.030	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.024	0.660	0.0035	< 0.0020	30.54
	8/22/2022	3.3	84	33	0.28	7.59	220	650	< 0.0030	0.011	0.024	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	< 0.400	< 0.0025	< 0.0020	25.43
	11/7/2022	3.5	120	36	0.29	7.40	270	700	< 0.0030	0.013	0.033	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.028	1.47	< 0.0025	< 0.0020	23.82
	2/13/2023	3.8	83	45	0.34	7.90	180	560	< 0.0030	0.0086	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.022	0.640	0.0042	< 0.0020	5.25
	5/8/2023	3.1	62	47	0.39	8.00	210	440	< 0.0030	0.0090	0.027	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.030	< 0.659	0.0038	< 0.0020	14.43
	8/7/2023	^+ 3.1	68	51	0.40	8.17	210	510	< 0.0030	0.0089	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	< 0.588	< 0.0025	< 0.0020	2.32
	11/28/2023	2.8	61	67	0.36	7.58	150	480	< 0.0030	0.0082	0.021	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	< 0.557	0.0054	< 0.0020	4.56
	2/5/2024	3.5	67	78	0.49	8.16	170	530	^1+< 0.0030	0.0086	0.024	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	0.0014	0.019	0.981	0.0040	< 0.0020	5.15
	5/20/2024	5.1	170	70	0.24	7.02	360	980	< 0.0030	0.0087	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.628	0.015	< 0.0020	8.91
	8/12/2024	3.6	91	73	0.47	7.32	240	640	< 0.0030	0.0079	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	< 0.638	0.0063	< 0.0020	6.11
	11/11/2024	3.4	62	73	0.39	7.83	180	490	< 0.0030	0.0090	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.022	< 0.651	< 0.0025	< 0.0020	17.58
	2/3/2025	3.0	45	75	0.44	8.12	190	450	< 0.0030	0.010	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	< -0.040	< 0.0025	< 0.0020	3.41
	5/12/2025	3.5	56	69	0.39	7.99	F1 200	470	< 0.0030	0.0087	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	0.640	< 0.0025	< 0.0020	3.21
	8/4/2025	3.3	45	68	0.56	7.57	190	440	< 0.0030	0.0084	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	< 0.396	< 0.0025	< 0.0020	18.02
	11/17/2025	2.9	33	82	0.68	8.34	160	370	< 0.0030	0.0095	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	1.07	< 0.0025	< 0.0020	9.91
	2/9/2026	2.8	43	79	0.48	8.27	180	510	< 0.0010	0.0076	0.017	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	< 0.595	< 0.0025	< 0.00040	10.22
	5/11/2026	2.6	57	70	0.37	8.04	260	530	< 0.0010	0.0049	0.019	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.040	< 0.0202	< 0.0025	< 0.00040	5.11
	8/3/2026	B 2.6	55	110	0.36	8.32	170	500	< 0.0010	0.0079	0.018	< 0.00040	< 0.00050	0.014	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.052	< 0.686	0.0027	< 0.00040	13.40
MW-03 down-gradient	11/2/2015	2.3	72	87	0.51	9.26	270	570	< 0.0030	0.0068	0.011	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	0.071	< 0.0025	< 0.0020	NA
	3/1/2016	2.9	61	70	0.33	7.33	220	530	< 0.0030	0.0069	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.332	0.0043	< 0.0020	NA
	5/4/2016	2.4	42	74	0.56	7.25	170	470	< 0.0030	0.0070	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.058	< 0.480	< 0.0025	< 0.0020	NA
	8/24/2016	2.0	70	59	0.30	9.13	200	430	< 0.0030	0.010	0.0069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.042	< 0.428	< 0.0025	< 0.0020	NA
	12/5/2016	2.4	57	60	0.41	7.62	120	440	< 0.0030	0.0065	0.0094	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.044	< 0.526	< 0.0025	< 0.0020	NA
	2/21/2017	2.2	56	65	0.33	7.56	180	460	< 0.0030	0.011	0.0067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.043	0.437	< 0.0025	< 0.0020	NA
	5/16/2017	3.9	110	61	0.27	7.90	320	820	< 0.0030	0.0087	0.039	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	< 0.461	0.0140	< 0.0020	NA
	7/5/2017	3.0	60	60	0.28	7.46	200	470	< 0.0030	0.0029	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.058	< 0.304	0.0045	< 0.0020	NA
	9/14/2017	2.1	86	57	0.26	7.53	260	680	< 0.0030	0.0024	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	0.462	0.0081	< 0.0020	NA
	11/28/2017	2.6	69	63	0.56	6.96	120	500	< 0.0030	0.0025	0.016	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.057	1.17	< 0.0025	< 0.0020	NA
	5/29/2018	2.4	67	61	0.38	6.84	190	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	2.4	54	54	0.50	8.99	150	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	4.2	86	17	0.59	7.21	270	660	< 0.0030	0.0059	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	0.657	0.0061	< 0.0020	NA
	11/19/2019	4.2	130	15	0.25	7.47	300	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	3.8	120	23	0.29	6.87	270	660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.8	120	53	0.29	7.05	240	650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	3.3	110	43	0.23	7.18	210	550	< 0.0030	0.0066	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.016	0.689	0.0065	< 0.0020	1.71
	8/18/2021	3.0	150	46	0.17	6.9	250	690	< 0.0030	0.0052	0.041	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	< 0.010	0.00031	0.045	0.656	< 0.0025	^+< 0.0020	2.60
	11/3/2021	3.2	120	40	0.18	7.05	250	600	< 0.0030	0.0071	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	0.025	< 0.438	0.0093	< 0.0020	3.26
	2/8/2022	2.6	91	31	0.30	7.16	210	580	< 0.0030	0.0053	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.0020	< 0.00020	0.031	0.792	0.0062	< 0.0020	8.27
	5/23/2022	2.4	79	32	0.23	8.72	170	430	< 0.0030	0.016	0.016	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.534	0.0031	< 0.0020	4.11
	8/22/2022	1.8	80	45	0.20	7.38	180	570	< 0.0030	0.0054	0.020	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	0.809	0.0040	< 0.0020	1.91
	11/7/2022	2.3	82	50	0.35	7.35	180	520	< 0.0030	0.0055	0.021	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.035	1.39	0.0040	< 0.0020	2.27
	2/13/2023	2.4	74	60	0.21	7.13	150	510	< 0.0030	0.0059	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.030	0.545	0.0061	< 0.0020	2.86
	5/8/2023	2.3	53	53	0.32	8.20	130	340	< 0.0030	0.010	0.013	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.046	0.758	0.0057	< 0.0020	3.61
	8/7/2023	^+ 2.3	45	54	0.48	7.73	130	380	< 0.0030	0.014	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	< 0.627	0.0042	< 0.0020	2.68
	11/27/2023	2.1	34	51	0.41	8.06	130	370	< 0.0030	0.020	0.010	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	< 0.648	< 0.0025	< 0.0020	3.57
	2/5/2024	2.7	39	49	0.49	8.97	160	420	^1+< 0.0030	0.023	0.010	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.029	< 0.599	0.0051	< 0.0020	5.03
	5/20/2024	2.9	29	74	0.54	9.94	F1 170	490	< 0.0030	0.035	0.0054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.052	< 0.552	0.0033	< 0.0020	6.09
	8/12/2024	2.6	66	85	0.31	7.51	210	610	< 0.0030	0.020	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.546	0.0095	< 0.0020	6.37
	11/11/2024	3.0	28	78	0.54	10.24	180	500	< 0.0030	0.043	0.0040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.060	0.970	< 0.0025	< 0.0020	3.05

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity
MW-04 down-gradient	11/3/2015	1.8	66	62	0.51	6.68	240	480	< 0.0030	0.0066	0.032	^< 0.0010	< 0.00050	< 0.0050	< 0.0050	< 0.00050	< 0.010	< 0.00020	0.031	0.2732	< 0.0025	< 0.0020	NA
	3/1/2016	2.0	58	51	0.50	7.17	170	450	< 0.0030	0.0083	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.048	0.478	< 0.0025	< 0.0020	NA
	5/4/2016	1.6	44	49	0.61	6.92	140	340	< 0.0030	0.0083	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.046	< 0.542	< 0.0025	< 0.0020	NA
	8/24/2016	2.0	46	58	0.56	7.01	120	370	< 0.0030	0.010	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.049	< 0.461	< 0.0025	< 0.0020	NA
	12/5/2016	3.4	200	60	0.21	7.40	300	1000	< 0.0030	0.019	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.010	1.04	0.020	< 0.0020	NA
	2/22/2017	2.4	150	41	0.17	7.44	290	850	< 0.0030	0.036	0.093	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.015	0.886	0.0042	< 0.0020	NA
	5/16/2017	2.5	170	29	0.32	7.94	400	970	< 0.0030	0.024	0.072	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.550	0.032	< 0.0020	NA
	7/5/2017	3.6	200	51	0.29	7.09	520	1100	< 0.0030	0.0034	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.515	0.062	< 0.0020	NA
	9/14/2017	2.5	180	45	0.28	7.04	480	1100	< 0.0030	0.0028	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	0.794	0.026	< 0.0020	NA
	11/28/2017	2.3	110	32	0.28	7.04	130	560	< 0.0030	0.0027	0.053	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	0.872	0.0069	< 0.0020	NA
	5/30/2018	3.0	150	21	0.38	6.57	200	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	2.5	150	58	0.37	6.83	240	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	3.3	100	58	0.64	7.30	200	730	< 0.0030	0.0026	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	0.690	0.0040	< 0.0020	NA
	11/19/2019	2.9	120	44	0.75	7.27	270	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	2.9	100	33	0.90	7.18	290	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/18/2020	3.1	100	18	1.1	7.17	250	690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	3.3	75	17	0.91	7.46	190	530	< 0.0030	0.0069	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.781	0.0041	< 0.0020	1.77
	8/18/2021	3.0	92	39	0.80	7.45	200	590	< 0.0030	0.0052	0.041	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	< 0.010	0.00031	0.045	0.523	< 0.0025	^+< 0.0020	40.61
	11/3/2021	2.7	67	50	0.99	7.36	150	550	< 0.0030	0.0094	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	0.040	0.572	< 0.0025	< 0.0020	4.26
	2/8/2022	3.1	110	38	0.66	7.61	190	660	< 0.0030	0.024	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0011	< 0.00050	0.0076	< 0.00020	0.014	1.21	< 0.0025	< 0.0020	13.32
	5/23/2022	2.5	81	41	0.61	8.05	150	510	< 0.0030	0.012	0.038	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.019	0.598	< 0.0025	< 0.0020	28.94
	8/22/2022	F1 3.1	100	31	0.55	7.82	230	660	< 0.0030	0.0070	0.043	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	0.618	0.011	< 0.0020	2.57
	11/7/2022	2.7	63	33	0.62	7.47	180	450	< 0.0030	0.0073	0.026	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0048	< 0.010	< 0.00020	0.026	1.85	< 0.0025	< 0.0020	41.15
	2/13/2023	2.8	110	28	0.36	7.58	210	610	< 0.0030	0.0083	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	0.489	0.0062	< 0.0020	3.76
	5/9/2023	2.3	100	59	0.38	7.16	250	560	< 0.0030	0.0073	0.049	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	< 0.549	0.0072	< 0.0020	15.03
	8/8/2023	^+ 2.5	58	63	0.40	7.81	150	400	< 0.0030	0.0088	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	0.807	< 0.0025	< 0.0020	2.54
	11/27/2023	2.4	44	58	0.37	7.63	130	360	< 0.0030	0.0089	0.023	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	0.642	< 0.0025	< 0.0020	4.22
	2/5/2024	2.7	74	45	0.46	7.33	130	430	^1+< 0.0030	0.0078	0.034	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.037	< 0.474	0.0081	< 0.0020	3.73
	5/21/2024	2.2	64	58	0.40	7.59	130	450	< 0.0030	0.0060	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	< 0.526	0.0045	< 0.0020	5.67
	8/12/2024	3.2	210	55	0.35	6.89	420	1200	< 0.0030	0.0033	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	< 0.821	0.020	< 0.0020	6.33
	11/11/2024	2.7	50	65	0.41	7.58	170	410	< 0.0030	0.011	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.632	< 0.0025	< 0.0020	3.79
	2/5/2025	2.6	46	88	0.30	8.30	160	460	< 0.0030	0.012	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	< 0.142	< 0.0025	< 0.0020	6.70
	5/12/2025	2.3	26	68	0.67	8.60	150	200	< 0.003	0.0092	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.044	< 0.276	0.0042	< 0.0020	3.85
	8/4/2025	2.4	42	F1 75	0.56	8.19	160	460	< 0.0030	0.010	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.054	< 0.454	< 0.0025	< 0.0020	8.14
	11/17/2025	3.0	18	79	0.83	8.71	180	450	< 0.0030	0.012	0.0081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00096	< 0.010	< 0.00020	0.099	0.889	< 0.0025	< 0.0020	10.82
	2/9/2026	3.1	45	66	0.57	8.45	370	660	< 0.0010	0.018	0.022	< 0.00040	< 0.00050	< 0.0050	< 0.0010	0.00062	< 0.010	< 0.00020	0.071	< 0.279	< 0.0025	< 0.00040	11.20
	5/11/2026	2.9	56	47	0.69	7.42	190	540	< 0.0010	0.0050	0.019	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.095	< 0.634	0.025	< 0.00040	4.56
	8/3/2026	B 3.7	100	52	0.61	7.15	310	800	< 0.0010	0.010	0.043	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00130	< 0.010	< 0.00020	0.055	< 0.260	0.033	< 0.00040	14.12
MW-05 down-gradient	11/19/2025	18	280	48	0.27	6.98	420	1100	< 0.0030	0.026	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.12	1.38	< 0.0025	< 0.0020	29.94
	2/11/2026	18	270	48	0.27	7.1	390	1100	< 0.0010	0.023	0.039	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.12	1.50	< 0.0025	< 0.00040	39.63
	5/13/2026	17	550	19	0.13	6.54	1100	2000	< 0.0010	0.0031	0.031	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.027	< 0.121	0.013	< 0.00040	13.25
	8/5/2026	B 18	390	37	0.23	6.77	540	1400	< 0.0010	0.014	0.047	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.11	0.880	< 0.0025	< 0.00040	39.33
MW-06 upgradient	11/19/2025	0.96	98	34	0.29	7.19	32	490	< 0.0030	0.0017	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	< 0.0050	0.951	< 0.0025	< 0.0020	23.34
	2/11/2026	3.1	180	32	0.24	7.05	770	690	< 0.0010	0.0011	0.098	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.050	1.14	< 0.0025	< 0.00040	53.05
	5/13/2026	1.1	110	38	0.20	7.16	< 100	610	< 0.0010	0.0015	0.099	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.011	1.03	< 0.0025	< 0.00040	19.82
	6/23/2026	B 2.6	150	82	0.24	6.89	48	690	^1+< 0.0010	0.0034	0.12	< 0.00040	< 0.00050	< 0.0050	< 0.0010	^1+ < 0.00050	0.057	< 0.00020	^5+ 0.059	1.24	^1+< 0.0025	< 0.00040	18.64
	8/5/2026	B 2.5	150	40	0.29	6.84	35	590	< 0.0010	0.0018	0.11	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.061	< 0.00020	0.075	< 0.577	< 0.0025	< 0.00040	25.09
MW-07 down-gradient	11/19/2025	34	390	36	0.33	7.02	670	1600	< 0.0030	0.0075	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.17	1.96	< 0.0025	< 0.0020	28.89
	2/11/2026	31	350	32	0.31	7.14	590	1300	< 0.0010	0.0067	0.052	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.14	1.67	< 0.0025	< 0.00040	89.45
	5/13/2026	25	330	43	0.28	7.11	620	1300	< 0.0010	0.0059	0.049	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.16	1.42	< 0.0025	< 0.00040	15.01
	8/5/2026	B 25	340	32	0.30	6.97	500	1400	< 0.0010	0.0055	0.048	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.15	0.891	< 0.0025	< 0.00040	28.48
MW-16 down-gradient	11/3/2015	4.1	230	87	0.43	6.24	610	1400	< 0.0030	0.0010	0.047	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.071	< 0.00020	0.021	0.865	0.0074	< 0.0020	NA
	3/2/2016	3.1	360	130	0.35	6.76	990	1700	< 0.0030	0.0015	0.035	< 0.0010	0.0010	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.013	< 0.396	0.0052	0.0020	NA
	5/2/2016	4.9	250	150	0.49	6.99	620	1600	< 0.0030	0.0011	0.052	< 0.0010	0.00053	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.014	0.696	< 0.0025	< 0.0020	NA
	8/24/2016	3.6	130	53	0.71	7.00	330	830	< 0.0030	< 0.0010	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.022	< 0.462	< 0.0025	< 0.0020	NA
	12/5/2016	3.8	160	52	0.51	7.03	280	920	< 0.0030	0.0036	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0012	< 0.00054	0.011	< 0.00020	0.021	0.791	< 0.0025	< 0.0020	NA
	2/24/2017	6.5	200	67	0.2	5.76	570	1100	< 0.0030	0.027	0.067	< 0.0010	< 0.00050	0.0050	0.0011	< 0.00050	0.012	< 0.00020	0.023	0.540	0.0037	< 0.0020	NA
	5/16/2017	2.6	340	130	0.15	7.57	760	1700	< 0.0030	0.043	0.045	^< 0.0010	0.0043	0.0076	< 0.0010	0.00057	0.13	< 0.00020	0.016	0.441	0.016	0.0021	NA
	7/6/2017	9.5	190	70	0.57	7.35	480	1100	< 0.0030	0.0029	0.029	< 0.0010	0.00069	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.017	< 0.382	< 0.0025	< 0.0020	NA
	9/13/2017	2.8	190	55	0.61	7.33	460	970	< 0.0030	< 0.0010	0.024	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.024	< 0.335	< 0.0025	< 0.0020	NA
	11/27/2017	4.2	140	58	0.71	7.16	270	760	< 0.0030	0.0031	0.026	^< 0.0010	0.0010	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.026	0.557	< 0.0025	< 0.0020	NA
	6/1/2018	3.0	380	130	0.32	6.53	890	1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/22/2018 (R)	NA	190	NA	NA	NA	NA	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	3.9	380	150	0.39	6.78	550	1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/4/2018 (R)	NA	320	NA	NA	NA	NA	1600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	2.9	400	65	0.31	6.67	990	2000	< 0.0030	0.0011	0.029	< 0.0010	0.003	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.0086	< 0.491	0.0039	< 0.0020	NA
	11/19/2019	7.2	410	480	0.46	6.89	680	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/27/2019 (R)	NA	NA	NA	NA	NA	NA	2800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	7.7	420	200	0.50	6.79	1100	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.2	130	54	0.71	7.22	320	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	3.1	120	55	0.68	7.33	300	740	< 0.0030	< 0.0010	0.024	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.019	< 0.919	< 0.0025	< 0.0020	1.63
	8/18/2021	3.1	140	55	0.66	7.19	320	790	< 0.0030	< 0.0010	0.024	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	0.011	< 0.00020	0.020	< 0.422	< 0.0025	^+< 0.0020	3.22
	11/4/2021	3.0	120	48	0.68	7.32	290	810	< 0.0030	0.0010	0.023	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.020	< 0.457	^6+^+< 0.0025	< 0.0020	4.00
	2/8/2022	2.6	110	41	0.65	7.40	280	700	< 0.0030	0.0050	0.033	< 0.0010	< 0.00050	< 0.0050	0.0021	< 0.00050	0.012	< 0.00020	0.027	< 0.682	< 0.0025	< 0.0020	21.60
	5/23/2022	3.6	170	62	0.53	6.97	420	1100	< 0.0030	0.0010	0.031	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.022	0.720	0.033	< 0.0020	11.75
	8/22/2022	2.7	110	42	0.62	7.33	280	780	< 0.0030	< 0.0010	0.029	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.021	< 0.411	< 0.0025	< 0.0020	3.54
	11/7/2022	3.0	120	47	0.80	7.20	290	730	< 0.0030	< 0.0010	0.031	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0038	0.011	< 0.00020	0.021	3.23	< 0.0025	< 0.0020	42.55
	2/13/2023	2.6	110	49	0.58	7.28	260	750	< 0.0030	0.0010	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.024	0.668	< 0.0025	< 0.0020	32.31
	5/9/2023	3.0	140	66	0.58	6.98	350	850	< 0.0030	< 0.0010	0.026	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.027	< 0.594	0.011	< 0.0020	2.95
	8/8/2023	^+ 2.7	130	46	0.56	7.30	310	770	< 0.0030	0.0019	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.024	0.495	< 0.0025	< 0.0020	2.81
	11/28/2023	2.7	130	47	0.52	7.14	350	830	< 0.0030	0.0015	0.039	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0016	< 0.00050	0.012	< 0.00020	0.023	0.615	< 0.0025	< 0.0020	45.54
	2/6/2024	3.6	150	50	0.59	7.25	370	840	^1+< 0.0030	0.0012	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.023	< 0.515	< 0.0025	< 0.0020	11.95
	5/21/2024	5.0	160	F1 65	0.50	6.95	430	940	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.020	< 0.514	0.0057	< 0.0020	9.87
	8/13/2024	5.0	330	110	0.40	6.58	870	1900	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.098	< 0.00020	0.027	1.12	0.018	< 0.0020	7.08
	11/12/2024	4.1	220	48	0.39	6.76	450	1200	< 0.0030	0.0018	0.057	< 0.0010	< 0.00050	< 0.0050	0.0021	< 0.00050	0.019	< 0.00020	0.016	1.05	< 0.0025	< 0.0020	23.93
	2/3/2025	3.9	190	55	0.43	7.08	430	1000	< 0.0030	0.0023	0.051	< 0.0010	< 0.00050	< 0.0050	0.0020	< 0.00050	0.018	< 0.00020	0.015	< 0.415	< 0.0025	< 0.0020	7.34
	5/12/2025	5.9	220	95	0.53	6.94	490	1200	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.018	< 0.00020	0.017	1.07	0.0054	< 0.0020	12.35
	8/5/2025	7.7	220	100	0.63	6.79	470	1200	< 0.0030	0.0037	0.052	^1+< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.021	< 0.00020	0.016	0.795	< 0.0025	< 0.0020	32.65
	11/19/2025	8.2	210	100	0.44	6.92	480	1100	< 0.0030	0.0014	0.050	< 0.0010	< 0.00050	< 0.0050	0.0017	< 0.00050	0.021	< 0.00020	0.014	0.886	< 0.0025	< 0.0020	29.12
	2/10/2026	9.8	200	110	0.47	6.99	430	1100	< 0.0010	0.0032	0.049	< 0.00040	< 0.00050	< 0.0050	^5- 0.0017	< 0.00050	0.022	< 0.00020	0.013	0.966	< 0.0025	< 0.00040	65
	5/11/2026	6.9	370	120	0.43	6.63	F1 1400	2200	< 0.0010	< 0.0010	0.040	< 0.00040	0.0020	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.019	< 0.331	0.088	0.0016	16.97
	8/4/2026	B 9.8	220	130	0.42	6.91	530	1200	< 0.0010	< 0.0010	0.030	< 0.00040	0.00052	< 0.0050	0.0013	< 0.00050	0.022	< 0.00020	0.015	< 0.0708	< 0.0025	0.00052	18.72

Notes: All units are in mg/L with the exceptions of pH (standard units), Radium (pCi/L), and Turbidity (NTU).
V- Serial dilution exceeds the control limits.
R- Resampling event
NA - Not analyzed.

H - Sample preped or analyzed beyond specific holding time.
^- Denotes instrument related QC exceeds the control limits
^+ - Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+ - Initial Calibration Verification (iCV) is outside acceptance limits, high biased.

^5-/+ - Linear Range Check (LRC) is outside acceptance limits, low/high biased
^6+ - Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
B- compound was found in the blank and the sample
* Water Quality Device sensor error; value considered erroneous

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 7/17/2026 1:08:23 PM

JOB DESCRIPTION

Waukegan CCR

JOB NUMBER

500-288477-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
7/17/2026 1:08:23 PM

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

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Method Summary 5
Sample Summary 6
Client Sample Results 7
Definitions 10
QC Association 11
QC Sample Results 13
Chain of Custody 17
Receipt Checklists 18
Chronicle 19
Certification Summary 21
Field Data Sheets 22

Job ID: 500-288477-1 Eurofins Chicago

Job Narrative
500-288477-1

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

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

Receipt
The samples were received on 6/25/2026 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

Receipt Exceptions
The reference method requires samples to be preserved to a pH of less than two. The following samples were received with insufficient preservation at a pH of 7: MW-11 (500-288477-1), MW-14 (500-288477-2) and MW-06 (500-288477-3). The sample was preserved to the appropriate pH in the laboratory.

Metals
Method 6020B - Total Recoverable: The low level check standard (ICVL) recovery associated with batch 500-875029 is outside the acceptance criteria,biased high, for the following analyte(s): Antimony. Associated samples were non-detect, therefore the data are qualified and reported.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-875229 was above the upper control limit. The affected analytes are: Lead and Selenium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B - Total Recoverable: The low level check standard (ICVL) recovery associated with batch 500-875644 is outside the acceptance criteria for the following analyte(s): Antimony. Associated samples are less than the reporting limit ,therefore the data are qualified and reported.

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

General Chemistry
Method SM 4500 Cl- E: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-873833 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-288477-1	MW-11	Water	06/23/26 11:00	06/25/26 08:00	Illinois
500-288477-2	MW-14	Water	06/23/26 12:01	06/25/26 08:00	Illinois
500-288477-3	MW-06	Water	06/23/26 12:58	06/25/26 08:00	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Client Sample ID: MW-11

Date Collected: 06/23/26 11:00
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0	^1+	1.0		ug/L		06/25/26 20:30	07/13/26 19:17	1
Arsenic	**290**		1.0		ug/L		06/25/26 20:30	07/13/26 19:17	1
Barium	**49**		2.5		ug/L		06/25/26 20:30	07/13/26 19:17	1
Beryllium	<0.40		0.40		ug/L		06/25/26 20:30	07/14/26 16:06	1
Boron	**900**	**B**	50		ug/L		06/25/26 20:30	07/14/26 16:06	1
Cadmium	<0.50		0.50		ug/L		06/25/26 20:30	07/14/26 16:06	1
Calcium	**130**		0.20		mg/L		06/25/26 20:30	07/13/26 19:17	1
Chromium	**5.9**		5.0		ug/L		06/25/26 20:30	07/13/26 19:17	1
Cobalt	<1.0		1.0		ug/L		06/25/26 20:30	07/13/26 19:17	1
Lead	<0.50	^1+	0.50		ug/L		06/25/26 20:30	07/14/26 16:06	1
Lithium	**30**		10		ug/L		06/25/26 20:30	07/13/26 19:17	1
Molybdenum	<5.0	^5+	5.0		ug/L		06/25/26 20:30	07/13/26 19:17	1
Selenium	<2.5	^1+	2.5		ug/L		06/25/26 20:30	07/14/26 16:06	1
Thallium	<0.40		0.40		ug/L		06/25/26 20:30	07/13/26 19:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		07/06/26 14:25	07/07/26 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**630**		10		mg/L			06/29/26 22:59	1
Chloride (SM 4500 Cl- E)	**57**		2.0		mg/L			07/06/26 11:24	1
Fluoride (SM 4500 F C)	**0.20**		0.10		mg/L			07/01/26 17:45	1
Sulfate (SM 4500 SO4 E)	**33**		5.0		mg/L			07/06/26 10:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.87**				SU			06/23/26 11:00	1
Field Temperature	**55.4**				Degrees F			06/23/26 11:00	1
Groundwater Elevation	**584.17**				ft			06/23/26 11:00	1
Oxidation Reduction Potential	**-103.9**				millivolts			06/23/26 11:00	1
Oxygen, Dissolved	**0.29**				mg/L			06/23/26 11:00	1
Specific Conductance	**0.880**				mS/cm			06/23/26 11:00	1
Turbidity	**44.15**				NTU			06/23/26 11:00	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Client Sample ID: MW-14

Date Collected: 06/23/26 12:01
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0	^1+	1.0		ug/L		06/25/26 20:30	07/16/26 18:18	1
Arsenic	**2000**		1.0		ug/L		06/25/26 20:30	07/13/26 19:19	1
Barium	**69**		2.5		ug/L		06/25/26 20:30	07/13/26 19:19	1
Beryllium	<0.40		0.40		ug/L		06/25/26 20:30	07/14/26 16:09	1
Boron	**660**	**B**	50		ug/L		06/25/26 20:30	07/14/26 16:09	1
Cadmium	<0.50		0.50		ug/L		06/25/26 20:30	07/14/26 16:09	1
Calcium	**150**		0.20		mg/L		06/25/26 20:30	07/13/26 19:19	1
Chromium	**650**		5.0		ug/L		06/25/26 20:30	07/13/26 19:19	1
Cobalt	<1.0		1.0		ug/L		06/25/26 20:30	07/13/26 19:19	1
Lead	<0.50	^1+	0.50		ug/L		06/25/26 20:30	07/14/26 16:09	1
Lithium	**20**		10		ug/L		06/25/26 20:30	07/13/26 19:19	1
Molybdenum	<5.0	^5+	5.0		ug/L		06/25/26 20:30	07/13/26 19:19	1
Selenium	<2.5	^1+	2.5		ug/L		06/25/26 20:30	07/14/26 16:09	1
Thallium	<0.40		0.40		ug/L		06/25/26 20:30	07/13/26 19:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		07/06/26 14:25	07/07/26 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**640**		10		mg/L			06/29/26 23:01	1
Chloride (SM 4500 Cl- E)	**45**		2.0		mg/L			07/06/26 11:28	1
Fluoride (SM 4500 F C)	**0.17**		0.10		mg/L			07/01/26 17:49	1
Sulfate (SM 4500 SO4 E)	**9.3**		5.0		mg/L			07/06/26 10:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.92**				SU			06/23/26 12:01	1
Field Temperature	**54.5**				Degrees F			06/23/26 12:01	1
Groundwater Elevation	**584.80**				ft			06/23/26 12:01	1
Oxidation Reduction Potential	**-100.6**				millivolts			06/23/26 12:01	1
Oxygen, Dissolved	**0.23**				mg/L			06/23/26 12:01	1
Specific Conductance	**0.790**				mS/cm			06/23/26 12:01	1
Turbidity	**35.07**				NTU			06/23/26 12:01	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Client Sample ID: MW-06

Date Collected: 06/23/26 12:58
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0	^1+	1.0		ug/L		06/25/26 20:30	07/13/26 19:22	1
Arsenic	**3.4**		1.0		ug/L		06/25/26 20:30	07/13/26 19:22	1
Barium	**120**		2.5		ug/L		06/25/26 20:30	07/13/26 19:22	1
Beryllium	<0.40		0.40		ug/L		06/25/26 20:30	07/14/26 16:12	1
Boron	**2600**	**B**	50		ug/L		06/25/26 20:30	07/14/26 16:12	1
Cadmium	<0.50		0.50		ug/L		06/25/26 20:30	07/14/26 16:12	1
Calcium	**150**		0.20		mg/L		06/25/26 20:30	07/13/26 19:22	1
Chromium	<5.0		5.0		ug/L		06/25/26 20:30	07/13/26 19:22	1
Cobalt	<1.0		1.0		ug/L		06/25/26 20:30	07/13/26 19:22	1
Lead	<0.50	^1+	0.50		ug/L		06/25/26 20:30	07/14/26 16:12	1
Lithium	**57**		10		ug/L		06/25/26 20:30	07/13/26 19:22	1
Molybdenum	**59**	**^5+**	5.0		ug/L		06/25/26 20:30	07/13/26 19:22	1
Selenium	<2.5	^1+	2.5		ug/L		06/25/26 20:30	07/14/26 16:12	1
Thallium	<0.40		0.40		ug/L		06/25/26 20:30	07/13/26 19:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		07/06/26 14:25	07/07/26 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**690**		10		mg/L			06/29/26 23:04	1
Chloride (SM 4500 Cl- E)	**82**		2.0		mg/L			07/06/26 11:28	1
Fluoride (SM 4500 F C)	**0.24**		0.10		mg/L			07/01/26 17:53	1
Sulfate (SM 4500 SO4 E)	**48**		25		mg/L			07/06/26 10:46	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.89**				SU			06/23/26 12:58	1
Field Temperature	**51.6**				Degrees F			06/23/26 12:58	1
Groundwater Elevation	**582.49**				ft			06/23/26 12:58	1
Oxidation Reduction Potential	**-73.8**				millivolts			06/23/26 12:58	1
Oxygen, Dissolved	**0.28**				mg/L			06/23/26 12:58	1
Specific Conductance	**0.833**				mS/cm			06/23/26 12:58	1
Turbidity	**18.64**				NTU			06/23/26 12:58	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

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: 872635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total Recoverable	Water	3005A	
500-288477-2	MW-14	Total Recoverable	Water	3005A	
500-288477-3	MW-06	Total Recoverable	Water	3005A	
MB 500-872635/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-872635/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 873901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	7470A	
500-288477-2	MW-14	Total/NA	Water	7470A	
500-288477-3	MW-06	Total/NA	Water	7470A	
MB 500-873901/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-873901/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 874129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	7470A	873901
500-288477-2	MW-14	Total/NA	Water	7470A	873901
500-288477-3	MW-06	Total/NA	Water	7470A	873901
MB 500-873901/12-A	Method Blank	Total/NA	Water	7470A	873901
LCS 500-873901/13-A	Lab Control Sample	Total/NA	Water	7470A	873901

Analysis Batch: 875029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total Recoverable	Water	6020B	872635
500-288477-2	MW-14	Total Recoverable	Water	6020B	872635
500-288477-3	MW-06	Total Recoverable	Water	6020B	872635
MB 500-872635/1-A	Method Blank	Total Recoverable	Water	6020B	872635
LCS 500-872635/2-A	Lab Control Sample	Total Recoverable	Water	6020B	872635

Analysis Batch: 875229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total Recoverable	Water	6020B	872635
500-288477-2	MW-14	Total Recoverable	Water	6020B	872635
500-288477-3	MW-06	Total Recoverable	Water	6020B	872635

Analysis Batch: 875644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-2	MW-14	Total Recoverable	Water	6020B	872635

General Chemistry

Analysis Batch: 873088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	SM 2540C	
500-288477-2	MW-14	Total/NA	Water	SM 2540C	
500-288477-3	MW-06	Total/NA	Water	SM 2540C	
MB 500-873088/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-873088/2	Lab Control Sample	Total/NA	Water	SM 2540C	

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

General Chemistry

Analysis Batch: 873605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	SM 4500 F C	
500-288477-2	MW-14	Total/NA	Water	SM 4500 F C	
500-288477-3	MW-06	Total/NA	Water	SM 4500 F C	
MB 500-873605/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-873605/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 873833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-288477-2	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-288477-3	MW-06	Total/NA	Water	SM 4500 Cl- E	
MB 500-873833/12	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-873833/42	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-873833/13	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-873833/43	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-288477-1 MS	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-288477-1 MSD	MW-11	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 873834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-288477-2	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-288477-3	MW-06	Total/NA	Water	SM 4500 SO4 E	
MB 500-873834/11	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-873834/12	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-288477-3 MS	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-288477-3 MSD	MW-06	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 875493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	Field Sampling	
500-288477-2	MW-14	Total/NA	Water	Field Sampling	
500-288477-3	MW-06	Total/NA	Water	Field Sampling	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-872635/1-A
Matrix: Water
Analysis Batch: 875029

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 872635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0	^1+	1.0		ug/L		06/25/26 20:30	07/13/26 15:24	1
Arsenic	<1.0		1.0		ug/L		06/25/26 20:30	07/13/26 15:24	1
Barium	<2.5		2.5		ug/L		06/25/26 20:30	07/13/26 15:24	1
Beryllium	<0.40		0.40		ug/L		06/25/26 20:30	07/13/26 15:24	1
Boron	65.4		50		ug/L		06/25/26 20:30	07/13/26 15:24	1
Cadmium	<0.50		0.50		ug/L		06/25/26 20:30	07/13/26 15:24	1
Calcium	<0.20		0.20		mg/L		06/25/26 20:30	07/13/26 15:24	1
Chromium	<5.0		5.0		ug/L		06/25/26 20:30	07/13/26 15:24	1
Cobalt	<1.0		1.0		ug/L		06/25/26 20:30	07/13/26 15:24	1
Lead	<0.50		0.50		ug/L		06/25/26 20:30	07/13/26 15:24	1
Lithium	<10		10		ug/L		06/25/26 20:30	07/13/26 15:24	1
Molybdenum	<5.0	^5+	5.0		ug/L		06/25/26 20:30	07/13/26 15:24	1
Selenium	<2.5		2.5		ug/L		06/25/26 20:30	07/13/26 15:24	1
Thallium	<0.40		0.40		ug/L		06/25/26 20:30	07/13/26 15:24	1

Lab Sample ID: LCS 500-872635/2-A
Matrix: Water
Analysis Batch: 875029

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 872635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	200	208	^1+	ug/L		104	80 - 120
Arsenic	100	103		ug/L		103	80 - 120
Barium	500	527		ug/L		105	80 - 120
Beryllium	50.0	52.0		ug/L		104	80 - 120
Boron	1000	1050		ug/L		105	80 - 120
Cadmium	50.0	50.3		ug/L		101	80 - 120
Calcium	10.0	8.28		mg/L		83	80 - 120
Chromium	200	210		ug/L		105	80 - 120
Cobalt	500	549		ug/L		110	80 - 120
Lead	100	97.1		ug/L		97	80 - 120
Lithium	100	106		ug/L		106	80 - 120
Molybdenum	1000	1050	^5+	ug/L		105	80 - 120
Selenium	100	103		ug/L		103	80 - 120
Thallium	100	95.8		ug/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-873901/12-A
Matrix: Water
Analysis Batch: 874129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 873901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		07/06/26 14:25	07/07/26 11:39	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-873901/13-A
Matrix: Water
Analysis Batch: 874129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 873901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.85		ug/L		92	80 - 120

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

Lab Sample ID: MB 500-873088/1
Matrix: Water
Analysis Batch: 873088

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			06/29/26 22:10	1

Lab Sample ID: LCS 500-873088/2
Matrix: Water
Analysis Batch: 873088

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	246		mg/L		98	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-873833/12
Matrix: Water
Analysis Batch: 873833

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			07/06/26 11:11	1

Lab Sample ID: MB 500-873833/42
Matrix: Water
Analysis Batch: 873833

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			07/06/26 11:27	1

Lab Sample ID: LCS 500-873833/13
Matrix: Water
Analysis Batch: 873833

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	52.2		mg/L		104	85 - 115

Lab Sample ID: LCS 500-873833/43
Matrix: Water
Analysis Batch: 873833

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	52.3		mg/L		105	85 - 115

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 500-288477-1 MS
Matrix: Water
Analysis Batch: 873833

Client Sample ID: MW-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57		50.0	98.0		mg/L		81	75 - 125

Lab Sample ID: 500-288477-1 MSD
Matrix: Water
Analysis Batch: 873833

Client Sample ID: MW-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57		50.0	101	E	mg/L		87	75 - 125	3	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-873605/31
Matrix: Water
Analysis Batch: 873605

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			07/01/26 17:09	1

Lab Sample ID: LCS 500-873605/32
Matrix: Water
Analysis Batch: 873605

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.1		mg/L		101	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-873834/11
Matrix: Water
Analysis Batch: 873834

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			07/06/26 10:23	1

Lab Sample ID: LCS 500-873834/12
Matrix: Water
Analysis Batch: 873834

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	21.8		mg/L		109	88 - 123

Lab Sample ID: 500-288477-3 MS
Matrix: Water
Analysis Batch: 873834

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	48		20.0	68.7		mg/L		102	75 - 125

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

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

Lab Sample ID: 500-288477-3 MSD
Matrix: Water
Analysis Batch: 873834

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	48		20.0	70.2		mg/L		110	75 - 125	2	20

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kaelyn Sperle	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-151986-56551 1
Client Contact: ~~Mitchel Dolan~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 1
Company: ~~KPRG and Associates, Inc.~~ ROUX	PWSID:			Job #: 500-288477

Address: 14665 West Lisbon Road, Suite 1A
City: Brookfield
State, Zip: WI 53005
Phone: 262-781-0475(Tel)
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR
Site: Illinois

500-288477 COC

Due Date Requested: STANDARD
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: 4502230086
WO #:
Project #: 50011597
SSOW#:

Analysis Requested

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, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N		
1 ~~MW-01~~ MW-11	6/23/26	1100	G	Water	N	N	X	X	X	5	
2 ~~MW-02~~ MW-14	6/23/26	1201		Water							
3 ~~MW-06~~ MW-06	6/23/26	1258		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		Date/Time:	Company
Relinquished by:	6-24-26 1310	ROUX	Received by:	6/24/26 1310	Eurofins
Relinquished by:	6/24/26 1630	Eurofins	Received by:	6/25/26 0800	RETA
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. 0.9 → 0.8

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-288477-1

Login Number: 288477
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	0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Client Sample ID: MW-11

Date Collected: 06/23/26 11:00
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875229	RN	EET CHI	07/14/26 16:06
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875029	S1Z	EET CHI	07/13/26 19:17
Total/NA	Prep	7470A			873901	MJG	EET CHI	07/06/26 14:25 - 07/06/26 16:25 [1]
Total/NA	Analysis	7470A		1	874129	MJG	EET CHI	07/07/26 14:56
Total/NA	Analysis	SM 2540C		1	873088	CLB	EET CHI	06/29/26 22:59
Total/NA	Analysis	SM 4500 Cl- E		1	873833	TR	EET CHI	07/06/26 11:24
Total/NA	Analysis	SM 4500 F C		1	873605	AC	EET CHI	07/01/26 17:45
Total/NA	Analysis	SM 4500 SO4 E		1	873834	TR	EET CHI	07/06/26 10:26
Total/NA	Analysis	Field Sampling		1	875493	DN	EET CHI	06/23/26 11:00

Client Sample ID: MW-14

Date Collected: 06/23/26 12:01
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875229	RN	EET CHI	07/14/26 16:09
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875029	S1Z	EET CHI	07/13/26 19:19
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875644	S1Z	EET CHI	07/16/26 18:18
Total/NA	Prep	7470A			873901	MJG	EET CHI	07/06/26 14:25 - 07/06/26 16:25 [1]
Total/NA	Analysis	7470A		1	874129	MJG	EET CHI	07/07/26 14:58
Total/NA	Analysis	SM 2540C		1	873088	CLB	EET CHI	06/29/26 23:01
Total/NA	Analysis	SM 4500 Cl- E		1	873833	TR	EET CHI	07/06/26 11:28
Total/NA	Analysis	SM 4500 F C		1	873605	AC	EET CHI	07/01/26 17:49
Total/NA	Analysis	SM 4500 SO4 E		1	873834	TR	EET CHI	07/06/26 10:27
Total/NA	Analysis	Field Sampling		1	875493	DN	EET CHI	06/23/26 12:01

Client Sample ID: MW-06

Date Collected: 06/23/26 12:58
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875229	RN	EET CHI	07/14/26 16:12
Total Recoverable	Prep	3005A			872635	MS	EET CHI	06/25/26 20:30 - 06/26/26 02:30 [1]
Total Recoverable	Analysis	6020B		1	875029	S1Z	EET CHI	07/13/26 19:22
Total/NA	Prep	7470A			873901	MJG	EET CHI	07/06/26 14:25 - 07/06/26 16:25 [1]
Total/NA	Analysis	7470A		1	874129	MJG	EET CHI	07/07/26 15:00
Total/NA	Analysis	SM 2540C		1	873088	CLB	EET CHI	06/29/26 23:04
Total/NA	Analysis	SM 4500 Cl- E		1	873833	TR	EET CHI	07/06/26 11:28

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Client Sample ID: MW-06

Date Collected: 06/23/26 12:58
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	873605	AC	EET CHI	07/01/26 17:53
Total/NA	Analysis	SM 4500 SO4 E		5	873834	TR	EET CHI	07/06/26 10:46
Total/NA	Analysis	Field Sampling		1	875493	DN	EET CHI	06/23/26 12:58

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

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-288477-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-25-27

Parameter | Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-09	MW-11	MW-14	MW-16
Field pH						6.89			6.87	6.92	
Field Temp (deg C)						10.9			13.0	12.5	
Field Specific Conductance (mS/cm)						0.833			0.880	0.790	
Dissolved Oxygen (mg/L)	Not sampled.	Not sampled.	Not sampled.	Not sampled.	Not sampled.	0.28	Not sampled.	Not sampled.	0.29	0.23	Not sampled.
Field Turbidity NTU						18.64			44.15	35.07	
ORP (mV)						-73.8			-103.9	-100.6	
Groundwater Elevation (ft)						582.49			584.17	584.80	
Description						Clear.			Slightly turbid.	Slightly turbid.	
Sampling Method	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 7/29/2026 7:47:44 AM

JOB DESCRIPTION

Waukegan CCR (RAD)

JOB NUMBER

500-288477-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
7/29/2026 7:47:44 AM

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

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Method Summary 5
Sample Summary 6
Client Sample Results 7
Definitions 10
QC Association 11
QC Sample Results 12
Chain of Custody 13
Receipt Checklists 15
Chronicle 17
Certification Summary 18
Tracer Carrier Summary 19

Job ID: 500-288477-2 — Eurofins Chicago

Job Narrative
500-288477-2

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

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

Receipt
The samples were received on 6/25/2026 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

Receipt Exceptions
The reference method requires samples to be preserved to a pH of less than two. The following samples were received with insufficient preservation at a pH of 7: MW-11 (500-288477-1), MW-14 (500-288477-2) and MW-06 (500-288477-3). The sample was preserved to the appropriate pH in the laboratory.

Gas Flow Proportional Counter
Method 904.0: Ra-228 Batch 160-778580
The detection goal was not met for the following sample due to a reduced aliquot, which can be attributed to the presence of matrix interferences: MW-11 (500-288477-1). Analytical results are reported with the detection limit achieved.

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

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

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

Protocol References:

EPA = US Environmental Protection Agency

Lab SOP = Laboratory Standard Operating Procedure

None = None

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-288477-1	MW-11	Water	06/23/26 11:00	06/25/26 08:00	Illinois
500-288477-2	MW-14	Water	06/23/26 12:01	06/25/26 08:00	Illinois
500-288477-3	MW-06	Water	06/23/26 12:58	06/25/26 08:00	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Client Sample ID: MW-11

Date Collected: 06/23/26 11:00
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-1

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	0.243		0.171	0.172	1.00	0.220	pCi/L	06/29/26 08:33	07/27/26 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*06/29/26 08:33*	*07/27/26 12:36*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.13	U G	0.607	0.607	1.00	1.13	pCi/L	06/29/26 08:46	07/24/26 13:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*
Y Carrier	*91.6*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.13	U	0.631	0.631	5.00	1.13	pCi/L		07/28/26 16:35	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Client Sample ID: MW-14

Date Collected: 06/23/26 12:01
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-2

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	0.199		0.122	0.124	1.00	0.155	pCi/L	06/29/26 08:33	07/27/26 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.0*		*30 - 110*	*06/29/26 08:33*	*07/27/26 12:36*	*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	0.946		0.502	0.510	1.00	0.702	pCi/L	06/29/26 08:46	07/24/26 13:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.0*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*
Y Carrier	*79.3*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.14		0.517	0.525	5.00	0.702	pCi/L		07/28/26 16:35	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Client Sample ID: MW-06

Date Collected: 06/23/26 12:58
Date Received: 06/25/26 08:00

Lab Sample ID: 500-288477-3

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	0.264		0.115	0.118	1.00	0.117	pCi/L	06/29/26 08:33	07/27/26 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*06/29/26 08:33*	*07/27/26 12:36*	*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	0.975		0.445	0.453	1.00	0.598	pCi/L	06/29/26 08:46	07/24/26 13:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*
Y Carrier	*80.4*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:57*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.24		0.460	0.468	5.00	0.598	pCi/L		07/28/26 16:35	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Rad

Prep Batch: 778579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	PrecSep-21	
500-288477-2	MW-14	Total/NA	Water	PrecSep-21	
500-288477-3	MW-06	Total/NA	Water	PrecSep-21	
MB 160-778579/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-778579/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 778580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-288477-1	MW-11	Total/NA	Water	PrecSep_0	
500-288477-2	MW-14	Total/NA	Water	PrecSep_0	
500-288477-3	MW-06	Total/NA	Water	PrecSep_0	
MB 160-778580/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-778580/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-778579/1-A
Matrix: Water
Analysis Batch: 783051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778579

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.103	U	0.0515	0.0515	1.00	0.103	pCi/L	06/29/26 08:33	07/27/26 12:36	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*06/29/26 08:33*	*07/27/26 12:36*	*1*

Lab Sample ID: LCS 160-778579/2-A
Matrix: Water
Analysis Batch: 783051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778579

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	8.241		0.941	1.00	0.110	pCi/L	73	66 - 126		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.7*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-778580/1-A
Matrix: Water
Analysis Batch: 782732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778580

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.707	U	0.418	0.419	1.00	0.707	pCi/L	06/29/26 08:46	07/24/26 13:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:52*	*1*
Y Carrier	*85.6*		*30 - 110*	*06/29/26 08:46*	*07/24/26 13:52*	*1*

Lab Sample ID: LCS 160-778580/2-A
Matrix: Water
Analysis Batch: 782732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778580

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.94	10.29		1.47	1.00	0.724	pCi/L	115	72 - 150		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.7*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kaelyn Sperle	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-151986-56551 1
Client Contact: ~~Mitchel Dolan~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 1
Company: ~~KPRG and Associates, Inc.~~ ROUX	PWSID:			Job #: 500-288477

Address: 14665 West Lisbon Road, Suite 1A
City: Brookfield
State, Zip: WI 53005
Phone: 262-781-0475(Tel)
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR
Site: Illinois

500-288477 COC

Due Date Requested: STANDARD
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: 4502230086
WO #:
Project #: 50011597
SSOW#:

Analysis Requested

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, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
Preservation Code:							D	D	N		
1 ~~MW-01~~ MW-11	6/23/26	1100	G	Water	N	N	X	X	X	5	
2 ~~MW-08~~ MW-14	6/23/26	1201		Water							
3 ~~MW-06~~ MW-06	6/23/26	1258		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		Date/Time:	Company
Relinquished by:	6-24-26 1310	ROUX	Received by:	6/24/26 1310	Eurofins
Relinquished by:	6/24/26 1630	Eurofins	Received by:	6/25/26 0800	RETA
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. 0.9 → 0.8

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-224323.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-288477-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 7/16/2026			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Waukegan CCR (RAD)	Project #: 50011597			
Site: NRG Midwest Generation Waukegan	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-11 (500-288477-1)	6/23/26	11:00 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-14 (500-288477-2)	6/23/26	12:01 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-06 (500-288477-3)	6/23/26	12:58 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	6/25/26 1530		Sierra Worthington	6/26/26 1020	ETAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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: 03/20/2026

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-288477-2

Login Number: 288477
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	0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-288477-2

Login Number: 288477
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 06/26/26 01:16 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	

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Client Sample ID: MW-11

Lab Sample ID: 500-288477-1

Date Collected: 06/23/26 11:00

Matrix: Water

Date Received: 06/25/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			778579	IH	EET SL	06/29/26 08:33
Total/NA	Analysis	903.0		1	783051	SWS	EET SL	07/27/26 12:36
Total/NA	Prep	PrecSep_0			778580	IH	EET SL	06/29/26 08:46
Total/NA	Analysis	904.0		1	782643	MLK	EET SL	07/24/26 13:57
Total/NA	Analysis	Ra226_Ra228		1	783251	FLC	EET SL	07/28/26 16:35

Client Sample ID: MW-14

Lab Sample ID: 500-288477-2

Date Collected: 06/23/26 12:01

Matrix: Water

Date Received: 06/25/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			778579	IH	EET SL	06/29/26 08:33
Total/NA	Analysis	903.0		1	783051	SWS	EET SL	07/27/26 12:36
Total/NA	Prep	PrecSep_0			778580	IH	EET SL	06/29/26 08:46
Total/NA	Analysis	904.0		1	782643	MLK	EET SL	07/24/26 13:57
Total/NA	Analysis	Ra226_Ra228		1	783251	FLC	EET SL	07/28/26 16:35

Client Sample ID: MW-06

Lab Sample ID: 500-288477-3

Date Collected: 06/23/26 12:58

Matrix: Water

Date Received: 06/25/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			778579	IH	EET SL	06/29/26 08:33
Total/NA	Analysis	903.0		1	783051	SWS	EET SL	07/27/26 12:36
Total/NA	Prep	PrecSep_0			778580	IH	EET SL	06/29/26 08:46
Total/NA	Analysis	904.0		1	782643	MLK	EET SL	07/24/26 13:57
Total/NA	Analysis	Ra226_Ra228		1	783251	FLC	EET SL	07/28/26 16:35

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-26

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-288477-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
500-288477-1	MW-11	78.9
500-288477-2	MW-14	92.0
500-288477-3	MW-06	82.3
LCS 160-778579/2-A	Lab Control Sample	79.7
MB 160-778579/1-A	Method Blank	89.4

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-288477-1	MW-11	78.9	91.6
500-288477-2	MW-14	92.0	79.3
500-288477-3	MW-06	82.3	80.4
LCS 160-778580/2-A	Lab Control Sample	79.7	81.9
MB 160-778580/1-A	Method Blank	89.4	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 9/18/2026 6:28:10 PM

JOB DESCRIPTION

Waukegan CCR

JOB NUMBER

500-290484-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
9/18/2026 6:28:10 PM

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

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Method Summary 5
Sample Summary 6
Client Sample Results 7
Definitions 19
QC Association 20
QC Sample Results 25
Chain of Custody 32
Receipt Checklists 38
Chronicle 39
Certification Summary 44
Field Data Sheets 45

Job ID: 500-290484-1 Eurofins Chicago

Job Narrative
500-290484-1

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

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

Receipt
The samples were received on 8/4/2026 8:45 AM, 8/5/2026 9:05 AM and 8/6/2026 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.6°C, 2.9°C and 4.0°C.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 500-879938 and analytical batch 500-883881 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.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-07 (500-290484-9), MW-05 (500-290484-10) and Duplicate (500-290484-12). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-04 (500-290484-4), MW-09 (500-290484-5), MW-16 (500-290484-8), MW-07 (500-290484-9), MW-05 (500-290484-10), MW-06 (500-290484-11) and Duplicate (500-290484-12). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 500-884326 recovered above the upper control limit for Boron. The sample associated with this CCV was the LCS which recovered within control limits for the affected analytes. Sample results are bracketed by passing CCV; therefore, the data have been reported. The associated sample is:(LCS 500-884172/2-A).

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

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

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-290484-1	MW-01	Water	08/03/26 12:42	08/04/26 08:45	Illinois
500-290484-2	MW-02	Water	08/03/26 13:40	08/04/26 08:45	Illinois
500-290484-3	MW-03	Water	08/03/26 15:02	08/04/26 08:45	Illinois
500-290484-4	MW-04	Water	08/03/26 16:08	08/04/26 08:45	Illinois
500-290484-5	MW-09	Water	08/04/26 14:45	08/05/26 09:05	Illinois
500-290484-6	MW-11	Water	08/04/26 11:13	08/05/26 09:05	Illinois
500-290484-7	MW-14	Water	08/04/26 12:35	08/05/26 09:05	Illinois
500-290484-8	MW-16	Water	08/04/26 13:46	08/05/26 09:05	Illinois
500-290484-9	MW-07	Water	08/05/26 15:06	08/06/26 09:25	Illinois
500-290484-10	MW-05	Water	08/05/26 14:15	08/06/26 09:25	Illinois
500-290484-11	MW-06	Water	08/05/26 12:58	08/06/26 09:25	Illinois
500-290484-12	Duplicate	Water	08/05/26 00:00	08/06/26 09:25	Illinois

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-01

Date Collected: 08/03/26 12:42
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:17	1
Arsenic	**7.2**		1.0		ug/L		08/18/26 21:10	09/09/26 16:17	1
Barium	**71**		2.5		ug/L		08/18/26 21:10	09/09/26 16:17	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:17	1
Boron	**3000**	**B**	250		ug/L		08/18/26 21:10	09/15/26 13:43	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:17	1
Calcium	**97**		0.20		mg/L		08/18/26 21:10	09/09/26 16:17	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:17	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:17	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:17	1
Lithium	<10		10		ug/L		08/18/26 21:10	09/09/26 16:17	1
Molybdenum	**35**		5.0		ug/L		08/18/26 21:10	09/09/26 16:17	1
Selenium	**13**		2.5		ug/L		08/18/26 21:10	09/09/26 16:17	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**710**		10		mg/L			08/05/26 04:13	1
Chloride (SM 4500 Cl- E)	**96**		2.0		mg/L			08/17/26 15:12	1
Fluoride (SM 4500 F C)	**0.16**		0.10		mg/L			08/13/26 17:25	1
Sulfate (SM 4500 SO4 E)	**260**		50		mg/L			08/24/26 11:52	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.18**				SU			08/03/26 12:42	1
Field Temperature	**56.1**				Degrees F			08/03/26 12:42	1
Groundwater Elevation	**581.73**				ft			08/03/26 12:42	1
Oxidation Reduction Potential	**202.9**				millivolts			08/03/26 12:42	1
Oxygen, Dissolved	**0.36**				mg/L			08/03/26 12:42	1
Specific Conductance	**0.727**				mS/cm			08/03/26 12:42	1
Turbidity	**13.40**				NTU			08/03/26 12:42	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-02

Date Collected: 08/03/26 13:40
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:39	1
Arsenic	**7.9**		1.0		ug/L		08/18/26 21:10	09/09/26 16:39	1
Barium	**18**		2.5		ug/L		08/18/26 21:10	09/09/26 16:39	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:39	1
Boron	**2600**	**B**	250		ug/L		08/18/26 21:10	09/15/26 14:00	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:39	1
Calcium	**55**		0.20		mg/L		08/18/26 21:10	09/09/26 16:39	1
Chromium	**14**		5.0		ug/L		08/18/26 21:10	09/09/26 16:39	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:39	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:39	1
Lithium	<10		10		ug/L		08/18/26 21:10	09/09/26 16:39	1
Molybdenum	**52**		5.0		ug/L		08/18/26 21:10	09/09/26 16:39	1
Selenium	**2.7**		2.5		ug/L		08/18/26 21:10	09/09/26 16:39	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**500**		10		mg/L			08/05/26 04:16	1
Chloride (SM 4500 Cl- E)	**110**		20		mg/L			08/17/26 15:36	10
Fluoride (SM 4500 F C)	**0.36**		0.10		mg/L			08/13/26 17:29	1
Sulfate (SM 4500 SO4 E)	**170**		50		mg/L			08/24/26 11:52	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.32**				SU			08/03/26 13:40	1
Field Temperature	**56.7**				Degrees F			08/03/26 13:40	1
Groundwater Elevation	**581.68**				ft			08/03/26 13:40	1
Oxidation Reduction Potential	**72.2**				millivolts			08/03/26 13:40	1
Oxygen, Dissolved	**0.36**				mg/L			08/03/26 13:40	1
Specific Conductance	**0.556**				mS/cm			08/03/26 13:40	1
Turbidity	**13.40**				NTU			08/03/26 13:40	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-03

Date Collected: 08/03/26 15:02
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:50	1
Arsenic	**12**		1.0		ug/L		08/18/26 21:10	09/09/26 16:50	1
Barium	**37**		2.5		ug/L		08/18/26 21:10	09/09/26 16:50	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:50	1
Boron	**4100**	**B**	250		ug/L		08/18/26 21:10	09/15/26 14:03	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:50	1
Calcium	**98**		0.20		mg/L		08/18/26 21:10	09/09/26 16:50	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:50	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:50	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:50	1
Lithium	<10		10		ug/L		08/18/26 21:10	09/09/26 16:50	1
Molybdenum	**50**		5.0		ug/L		08/18/26 21:10	09/09/26 16:50	1
Selenium	**54**		2.5		ug/L		08/18/26 21:10	09/09/26 16:50	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**820**		10		mg/L			08/05/26 04:18	1
Chloride (SM 4500 Cl- E)	**53**		2.0		mg/L			08/17/26 15:13	1
Fluoride (SM 4500 F C)	**0.35**		0.10		mg/L			08/13/26 17:33	1
Sulfate (SM 4500 SO4 E)	**340**		50		mg/L			08/24/26 10:52	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.38**				SU			08/03/26 15:02	1
Field Temperature	**56.7**				Degrees F			08/03/26 15:02	1
Groundwater Elevation	**581.73**				ft			08/03/26 15:02	1
Oxidation Reduction Potential	**61.7**				millivolts			08/03/26 15:02	1
Oxygen, Dissolved	**0.93**				mg/L			08/03/26 15:02	1
Specific Conductance	**0.784**				mS/cm			08/03/26 15:02	1
Turbidity	**13.06**				NTU			08/03/26 15:02	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-04

Lab Sample ID: 500-290484-4

Date Collected: 08/03/26 16:08

Matrix: Water

Date Received: 08/04/26 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:53	1
Arsenic	10		1.0		ug/L		08/18/26 21:10	09/09/26 16:53	1
Barium	43		2.5		ug/L		08/18/26 21:10	09/09/26 16:53	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:53	1
Boron	3700	B	250		ug/L		08/18/26 21:10	09/17/26 13:43	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:53	1
Calcium	100		0.20		mg/L		08/18/26 21:10	09/09/26 16:53	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:53	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:53	1
Lead	1.3		0.50		ug/L		08/18/26 21:10	09/09/26 16:53	1
Lithium	<10		10		ug/L		08/18/26 21:10	09/09/26 16:53	1
Molybdenum	55		5.0		ug/L		08/18/26 21:10	09/09/26 16:53	1
Selenium	33		2.5		ug/L		08/18/26 21:10	09/09/26 16:53	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	800		10		mg/L			08/05/26 04:21	1
Chloride (SM 4500 Cl- E)	52		2.0		mg/L			08/17/26 15:13	1
Fluoride (SM 4500 F C)	0.61		0.10		mg/L			08/13/26 17:37	1
Sulfate (SM 4500 SO4 E)	310		50		mg/L			08/24/26 10:52	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.15				SU			08/03/26 16:08	1
Field Temperature	55.9				Degrees F			08/03/26 16:08	1
Groundwater Elevation	581.61				ft			08/03/26 16:08	1
Oxidation Reduction Potential	80.1				millivolts			08/03/26 16:08	1
Oxygen, Dissolved	1.62				mg/L			08/03/26 16:08	1
Specific Conductance	0.824				mS/cm			08/03/26 16:08	1
Turbidity	14.12				NTU			08/03/26 16:08	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-09

Lab Sample ID: 500-290484-5

Date Collected: 08/04/26 14:45

Matrix: Water

Date Received: 08/05/26 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:56	1
Arsenic	**6.2**		1.0		ug/L		08/18/26 21:10	09/09/26 16:56	1
Barium	**89**		2.5		ug/L		08/18/26 21:10	09/09/26 16:56	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:56	1
Boron	**2500**	**B**	250		ug/L		08/18/26 21:10	09/17/26 13:46	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:56	1
Calcium	**110**		0.20		mg/L		08/18/26 21:10	09/09/26 16:56	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:56	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:56	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:56	1
Lithium	**44**		10		ug/L		08/18/26 21:10	09/09/26 16:56	1
Molybdenum	**41**		5.0		ug/L		08/18/26 21:10	09/09/26 16:56	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 16:56	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**730**		10		mg/L			08/06/26 05:24	1
Chloride (SM 4500 Cl- E)	**140**		20		mg/L			08/17/26 15:38	10
Fluoride (SM 4500 F C)	**0.28**		0.10		mg/L			08/13/26 17:42	1
Sulfate (SM 4500 SO4 E)	**110**		50		mg/L			08/24/26 10:53	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.25**				SU			08/04/26 14:45	1
Field Temperature	**56.3**				Degrees F			08/04/26 14:45	1
Groundwater Elevation	**583.45**				ft			08/04/26 14:45	1
Oxidation Reduction Potential	**-128.7**				millivolts			08/04/26 14:45	1
Oxygen, Dissolved	**0.30**				mg/L			08/04/26 14:45	1
Specific Conductance	**0.843**				mS/cm			08/04/26 14:45	1
Turbidity	**20.65**				NTU			08/04/26 14:45	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-11

Date Collected: 08/04/26 11:13
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:58	1
Arsenic	**320**		1.0		ug/L		08/18/26 21:10	09/09/26 16:58	1
Barium	**53**		2.5		ug/L		08/18/26 21:10	09/09/26 16:58	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:58	1
Boron	**1000**		50		ug/L		09/17/26 14:46	09/18/26 13:34	1
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:58	1
Calcium	**140**		0.20		mg/L		08/18/26 21:10	09/09/26 16:58	1
Chromium	**6.4**		5.0		ug/L		08/18/26 21:10	09/09/26 16:58	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:58	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:58	1
Lithium	**31**		10		ug/L		08/18/26 21:10	09/09/26 16:58	1
Molybdenum	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:58	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 16:58	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**690**		10		mg/L			08/06/26 05:26	1
Chloride (SM 4500 Cl- E)	**57**		2.0		mg/L			08/17/26 15:14	1
Fluoride (SM 4500 F C)	**0.17**		0.10		mg/L			08/13/26 17:46	1
Sulfate (SM 4500 SO4 E)	**36**		5.0		mg/L			08/20/26 17:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.99**				SU			08/04/26 11:13	1
Field Temperature	**58.8**				Degrees F			08/04/26 11:13	1
Groundwater Elevation	**584.39**				ft			08/04/26 11:13	1
Oxidation Reduction Potential	**-120.3**				millivolts			08/04/26 11:13	1
Oxygen, Dissolved	**0.29**				mg/L			08/04/26 11:13	1
Specific Conductance	**0.909**				mS/cm			08/04/26 11:13	1
Turbidity	**28.47**				NTU			08/04/26 11:13	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-14

Date Collected: 08/04/26 12:35
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:01	1
Arsenic	**1900**		1.0		ug/L		08/18/26 21:10	09/09/26 17:01	1
Barium	**67**		2.5		ug/L		08/18/26 21:10	09/09/26 17:01	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:01	1
Boron	**760**		50		ug/L		09/17/26 14:46	09/18/26 13:36	1
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:01	1
Calcium	**150**		0.20		mg/L		08/18/26 21:10	09/09/26 17:01	1
Chromium	**41**		5.0		ug/L		08/18/26 21:10	09/09/26 17:01	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:01	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:01	1
Lithium	**19**		10		ug/L		08/18/26 21:10	09/09/26 17:01	1
Molybdenum	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:01	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:01	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**610**		10		mg/L			08/06/26 05:29	1
Chloride (SM 4500 Cl- E)	**40**		2.0		mg/L			08/17/26 15:15	1
Fluoride (SM 4500 F C)	**0.15**		0.10		mg/L			08/13/26 17:50	1
Sulfate (SM 4500 SO4 E)	<5.0		5.0		mg/L			08/20/26 17:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.07**				SU			08/04/26 12:35	1
Field Temperature	**60.3**				Degrees F			08/04/26 12:35	1
Groundwater Elevation	**584.90**				ft			08/04/26 12:35	1
Oxidation Reduction Potential	**-136.9**				millivolts			08/04/26 12:35	1
Oxygen, Dissolved	**0.27**				mg/L			08/04/26 12:35	1
Specific Conductance	**0.829**				mS/cm			08/04/26 12:35	1
Turbidity	**19.69**				NTU			08/04/26 12:35	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-16

Date Collected: 08/04/26 13:46
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:04	1
Arsenic	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:04	1
Barium	**30**		2.5		ug/L		08/18/26 21:10	09/09/26 17:04	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:04	1
Boron	**9800**	**B**	500		ug/L		08/18/26 21:10	09/17/26 13:49	10
Cadmium	**0.52**		0.50		ug/L		08/18/26 21:10	09/09/26 17:04	1
Calcium	**220**		0.20		mg/L		08/18/26 21:10	09/09/26 17:04	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:04	1
Cobalt	**1.3**		1.0		ug/L		08/18/26 21:10	09/09/26 17:04	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:04	1
Lithium	**22**		10		ug/L		08/18/26 21:10	09/09/26 17:04	1
Molybdenum	**15**		5.0		ug/L		08/18/26 21:10	09/09/26 17:04	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:04	1
Thallium	**0.52**		0.40		ug/L		08/18/26 21:10	09/09/26 17:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1200**		10		mg/L			08/06/26 05:32	1
Chloride (SM 4500 Cl- E)	**130**		20		mg/L			08/17/26 15:38	10
Fluoride (SM 4500 F C)	**0.42**		0.10		mg/L			08/13/26 18:02	1
Sulfate (SM 4500 SO4 E)	**530**		100		mg/L			08/24/26 11:54	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.91**				SU			08/04/26 13:46	1
Field Temperature	**58.8**				Degrees F			08/04/26 13:46	1
Groundwater Elevation	**580.89**				ft			08/04/26 13:46	1
Oxidation Reduction Potential	**30.3**				millivolts			08/04/26 13:46	1
Oxygen, Dissolved	**0.31**				mg/L			08/04/26 13:46	1
Specific Conductance	**1.248**				mS/cm			08/04/26 13:46	1
Turbidity	**18.72**				NTU			08/04/26 13:46	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-07

Date Collected: 08/05/26 15:06
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:10	1
Arsenic	**5.5**		1.0		ug/L		08/18/26 21:10	09/09/26 17:10	1
Barium	**48**		2.5		ug/L		08/18/26 21:10	09/09/26 17:10	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:10	1
Boron	**25000**	**B**	500		ug/L		08/18/26 21:10	09/17/26 13:52	10
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:10	1
Calcium	**340**		2.0		mg/L		08/18/26 21:10	09/15/26 14:28	10
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:10	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:10	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:10	1
Lithium	**150**		10		ug/L		08/18/26 21:10	09/09/26 17:10	1
Molybdenum	**150**		5.0		ug/L		08/18/26 21:10	09/09/26 17:10	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:10	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1400**		10		mg/L			08/07/26 02:52	1
Chloride (SM 4500 Cl- E)	**32**		2.0		mg/L			08/17/26 15:16	1
Fluoride (SM 4500 F C)	**0.30**		0.10		mg/L			08/17/26 14:47	1
Sulfate (SM 4500 SO4 E)	**500**		100		mg/L			08/24/26 11:55	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.97**				SU			08/05/26 15:06	1
Field Temperature	**54.5**				Degrees F			08/05/26 15:06	1
Groundwater Elevation	**581.39**				ft			08/05/26 15:06	1
Oxidation Reduction Potential	**-121.1**				millivolts			08/05/26 15:06	1
Oxygen, Dissolved	**0.39**				mg/L			08/05/26 15:06	1
Specific Conductance	**1.139**				mS/cm			08/05/26 15:06	1
Turbidity	**28.48**				NTU			08/05/26 15:06	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-05

Date Collected: 08/05/26 14:15
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:18	1
Arsenic	**14**		1.0		ug/L		08/18/26 21:10	09/09/26 17:18	1
Barium	**47**		2.5		ug/L		08/18/26 21:10	09/09/26 17:18	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:18	1
Boron	**18000**	**B**	500		ug/L		08/18/26 21:10	09/17/26 13:55	10
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:18	1
Calcium	**390**		1.0		mg/L		08/18/26 21:10	09/15/26 14:31	5
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:18	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:18	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:18	1
Lithium	**130**		10		ug/L		08/18/26 21:10	09/09/26 17:18	1
Molybdenum	**110**		5.0		ug/L		08/18/26 21:10	09/09/26 17:18	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:18	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1400**		10		mg/L			08/07/26 02:59	1
Chloride (SM 4500 Cl- E)	**37**		2.0		mg/L			08/17/26 15:17	1
Fluoride (SM 4500 F C)	**0.23**		0.10		mg/L			08/17/26 14:51	1
Sulfate (SM 4500 SO4 E)	**540**		100		mg/L			08/20/26 18:00	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.77**				SU			08/05/26 14:15	1
Field Temperature	**55.4**				Degrees F			08/05/26 14:15	1
Groundwater Elevation	**582.22**				ft			08/05/26 14:15	1
Oxidation Reduction Potential	**-95.8**				millivolts			08/05/26 14:15	1
Oxygen, Dissolved	**0.35**				mg/L			08/05/26 14:15	1
Specific Conductance	**1.178**				mS/cm			08/05/26 14:15	1
Turbidity	**39.33**				NTU			08/05/26 14:15	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-06

Date Collected: 08/05/26 12:58
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:26	1
Arsenic	**1.8**		1.0		ug/L		08/18/26 21:10	09/09/26 17:26	1
Barium	**110**		2.5		ug/L		08/18/26 21:10	09/09/26 17:26	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:26	1
Boron	**2500**	**B**	250		ug/L		08/18/26 21:10	09/17/26 14:10	5
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:26	1
Calcium	**150**		0.20		mg/L		08/18/26 21:10	09/09/26 17:26	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:26	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:26	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:26	1
Lithium	**61**		10		ug/L		08/18/26 21:10	09/09/26 17:26	1
Molybdenum	**75**		5.0		ug/L		08/18/26 21:10	09/09/26 17:26	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:26	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**590**		10		mg/L			08/07/26 03:05	1
Chloride (SM 4500 Cl- E)	**40**		2.0		mg/L			08/17/26 15:17	1
Fluoride (SM 4500 F C)	**0.29**		0.10		mg/L			08/17/26 14:55	1
Sulfate (SM 4500 SO4 E)	**35**		5.0		mg/L			08/20/26 18:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.84**				SU			08/05/26 12:58	1
Field Temperature	**56.8**				Degrees F			08/05/26 12:58	1
Groundwater Elevation	**582.56**				ft			08/05/26 12:58	1
Oxidation Reduction Potential	**-75.3**				millivolts			08/05/26 12:58	1
Oxygen, Dissolved	**0.34**				mg/L			08/05/26 12:58	1
Specific Conductance	**0.670**				mS/cm			08/05/26 12:58	1
Turbidity	**25.09**				NTU			08/05/26 12:58	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: Duplicate

Date Collected: 08/05/26 00:00
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:29	1
Arsenic	**14**		1.0		ug/L		08/18/26 21:10	09/09/26 17:29	1
Barium	**51**		2.5		ug/L		08/18/26 21:10	09/09/26 17:29	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:29	1
Boron	**15000**	**B**	500		ug/L		08/18/26 21:10	09/17/26 14:14	10
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:29	1
Calcium	**380**		1.0		mg/L		08/18/26 21:10	09/15/26 14:39	5
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 17:29	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 17:29	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 17:29	1
Lithium	**130**		10		ug/L		08/18/26 21:10	09/09/26 17:29	1
Molybdenum	**110**		5.0		ug/L		08/18/26 21:10	09/09/26 17:29	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 17:29	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 17:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1400**		10		mg/L			08/07/26 03:07	1
Chloride (SM 4500 Cl- E)	**36**		2.0		mg/L			08/17/26 15:18	1
Fluoride (SM 4500 F C)	**0.22**		0.10		mg/L			08/17/26 14:58	1
Sulfate (SM 4500 SO4 E)	**570**		100		mg/L			08/24/26 11:55	20

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: 879898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	7470A	
500-290484-2	MW-02	Total/NA	Water	7470A	
500-290484-3	MW-03	Total/NA	Water	7470A	
500-290484-4	MW-04	Total/NA	Water	7470A	
500-290484-5	MW-09	Total/NA	Water	7470A	
500-290484-6	MW-11	Total/NA	Water	7470A	
500-290484-7	MW-14	Total/NA	Water	7470A	
500-290484-8	MW-16	Total/NA	Water	7470A	
500-290484-9	MW-07	Total/NA	Water	7470A	
500-290484-10	MW-05	Total/NA	Water	7470A	
500-290484-11	MW-06	Total/NA	Water	7470A	
500-290484-12	Duplicate	Total/NA	Water	7470A	
MB 500-879898/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-879898/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-290484-8 MS	MW-16	Total/NA	Water	7470A	
500-290484-8 MSD	MW-16	Total/NA	Water	7470A	
500-290484-8 DU	MW-16	Total/NA	Water	7470A	

Prep Batch: 879938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total Recoverable	Water	3005A	
500-290484-2	MW-02	Total Recoverable	Water	3005A	
500-290484-3	MW-03	Total Recoverable	Water	3005A	
500-290484-4	MW-04	Total Recoverable	Water	3005A	
500-290484-5	MW-09	Total Recoverable	Water	3005A	
500-290484-6	MW-11	Total Recoverable	Water	3005A	
500-290484-7	MW-14	Total Recoverable	Water	3005A	
500-290484-8	MW-16	Total Recoverable	Water	3005A	
500-290484-9	MW-07	Total Recoverable	Water	3005A	
500-290484-10	MW-05	Total Recoverable	Water	3005A	
500-290484-11	MW-06	Total Recoverable	Water	3005A	
500-290484-12	Duplicate	Total Recoverable	Water	3005A	
MB 500-879938/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-879938/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-290484-1 MS	MW-01	Total Recoverable	Water	3005A	
500-290484-1 MSD	MW-01	Total Recoverable	Water	3005A	
500-290484-1 DU	MW-01	Total Recoverable	Water	3005A	

Analysis Batch: 880051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	7470A	879898
500-290484-2	MW-02	Total/NA	Water	7470A	879898
500-290484-3	MW-03	Total/NA	Water	7470A	879898
500-290484-4	MW-04	Total/NA	Water	7470A	879898
500-290484-5	MW-09	Total/NA	Water	7470A	879898
500-290484-6	MW-11	Total/NA	Water	7470A	879898
500-290484-7	MW-14	Total/NA	Water	7470A	879898
500-290484-8	MW-16	Total/NA	Water	7470A	879898
500-290484-9	MW-07	Total/NA	Water	7470A	879898
500-290484-10	MW-05	Total/NA	Water	7470A	879898
500-290484-11	MW-06	Total/NA	Water	7470A	879898

Metals (Continued)

Analysis Batch: 880051 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-12	Duplicate	Total/NA	Water	7470A	879898
MB 500-879898/12-A	Method Blank	Total/NA	Water	7470A	879898
LCS 500-879898/13-A	Lab Control Sample	Total/NA	Water	7470A	879898
500-290484-8 MS	MW-16	Total/NA	Water	7470A	879898
500-290484-8 MSD	MW-16	Total/NA	Water	7470A	879898
500-290484-8 DU	MW-16	Total/NA	Water	7470A	879898

Analysis Batch: 883009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total Recoverable	Water	6020B	879938
500-290484-2	MW-02	Total Recoverable	Water	6020B	879938
500-290484-3	MW-03	Total Recoverable	Water	6020B	879938
500-290484-4	MW-04	Total Recoverable	Water	6020B	879938
500-290484-5	MW-09	Total Recoverable	Water	6020B	879938
500-290484-6	MW-11	Total Recoverable	Water	6020B	879938
500-290484-7	MW-14	Total Recoverable	Water	6020B	879938
500-290484-8	MW-16	Total Recoverable	Water	6020B	879938
500-290484-9	MW-07	Total Recoverable	Water	6020B	879938
500-290484-10	MW-05	Total Recoverable	Water	6020B	879938
500-290484-11	MW-06	Total Recoverable	Water	6020B	879938
500-290484-12	Duplicate	Total Recoverable	Water	6020B	879938
MB 500-879938/1-A	Method Blank	Total Recoverable	Water	6020B	879938
LCS 500-879938/2-A	Lab Control Sample	Total Recoverable	Water	6020B	879938
500-290484-1 MS	MW-01	Total Recoverable	Water	6020B	879938
500-290484-1 MSD	MW-01	Total Recoverable	Water	6020B	879938
500-290484-1 DU	MW-01	Total Recoverable	Water	6020B	879938

Analysis Batch: 883881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total Recoverable	Water	6020B	879938
500-290484-2	MW-02	Total Recoverable	Water	6020B	879938
500-290484-3	MW-03	Total Recoverable	Water	6020B	879938
500-290484-9	MW-07	Total Recoverable	Water	6020B	879938
500-290484-10	MW-05	Total Recoverable	Water	6020B	879938
500-290484-12	Duplicate	Total Recoverable	Water	6020B	879938
MB 500-879938/1-A	Method Blank	Total Recoverable	Water	6020B	879938
LCS 500-879938/2-A	Lab Control Sample	Total Recoverable	Water	6020B	879938
500-290484-1 MS	MW-01	Total Recoverable	Water	6020B	879938
500-290484-1 MSD	MW-01	Total Recoverable	Water	6020B	879938
500-290484-1 DU	MW-01	Total Recoverable	Water	6020B	879938

Prep Batch: 884172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-6	MW-11	Total Recoverable	Water	3005A	
500-290484-7	MW-14	Total Recoverable	Water	3005A	
MB 500-884172/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-884172/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 884248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-4	MW-04	Total Recoverable	Water	6020B	879938

Metals (Continued)

Analysis Batch: 884248 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-5	MW-09	Total Recoverable	Water	6020B	879938
500-290484-8	MW-16	Total Recoverable	Water	6020B	879938
500-290484-9	MW-07	Total Recoverable	Water	6020B	879938
500-290484-10	MW-05	Total Recoverable	Water	6020B	879938
500-290484-11	MW-06	Total Recoverable	Water	6020B	879938
500-290484-12	Duplicate	Total Recoverable	Water	6020B	879938

Analysis Batch: 884326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-6	MW-11	Total Recoverable	Water	6020B	884172
500-290484-7	MW-14	Total Recoverable	Water	6020B	884172
MB 500-884172/1-A	Method Blank	Total Recoverable	Water	6020B	884172
LCS 500-884172/2-A	Lab Control Sample	Total Recoverable	Water	6020B	884172

General Chemistry

Analysis Batch: 878119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	SM 2540C	
500-290484-2	MW-02	Total/NA	Water	SM 2540C	
500-290484-3	MW-03	Total/NA	Water	SM 2540C	
500-290484-4	MW-04	Total/NA	Water	SM 2540C	
MB 500-878119/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-878119/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 878307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-5	MW-09	Total/NA	Water	SM 2540C	
500-290484-6	MW-11	Total/NA	Water	SM 2540C	
500-290484-7	MW-14	Total/NA	Water	SM 2540C	
500-290484-8	MW-16	Total/NA	Water	SM 2540C	
MB 500-878307/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-878307/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 878485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-9	MW-07	Total/NA	Water	SM 2540C	
500-290484-10	MW-05	Total/NA	Water	SM 2540C	
500-290484-11	MW-06	Total/NA	Water	SM 2540C	
500-290484-12	Duplicate	Total/NA	Water	SM 2540C	
MB 500-878485/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-878485/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-290484-9 MS	MW-07	Total/NA	Water	SM 2540C	
500-290484-9 DU	MW-07	Total/NA	Water	SM 2540C	
500-290484-10 DU	MW-05	Total/NA	Water	SM 2540C	

Analysis Batch: 879541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	SM 4500 F C	
500-290484-2	MW-02	Total/NA	Water	SM 4500 F C	
500-290484-3	MW-03	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 879541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-4	MW-04	Total/NA	Water	SM 4500 F C	
500-290484-5	MW-09	Total/NA	Water	SM 4500 F C	
500-290484-6	MW-11	Total/NA	Water	SM 4500 F C	
500-290484-7	MW-14	Total/NA	Water	SM 4500 F C	
500-290484-8	MW-16	Total/NA	Water	SM 4500 F C	
MB 500-879541/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-879541/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 879737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-290484-2	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-290484-3	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-290484-4	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-290484-5	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-290484-6	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-290484-7	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-290484-8	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-290484-9	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-290484-10	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-290484-11	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-290484-12	Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 500-879737/31	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-879737/32	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 879751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-9	MW-07	Total/NA	Water	SM 4500 F C	
500-290484-10	MW-05	Total/NA	Water	SM 4500 F C	
500-290484-11	MW-06	Total/NA	Water	SM 4500 F C	
500-290484-12	Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-879751/34	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-879751/35	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 880363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-6	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-290484-7	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-290484-10	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-290484-11	MW-06	Total/NA	Water	SM 4500 SO4 E	
MB 500-880363/41	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-880363/42	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 880635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-290484-2	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-290484-3	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-290484-4	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-290484-5	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-290484-8	MW-16	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 880635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-9	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-290484-12	Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-880635/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-880635/33	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-880635/34	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-880635/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 880846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	Field Sampling	
500-290484-2	MW-02	Total/NA	Water	Field Sampling	
500-290484-3	MW-03	Total/NA	Water	Field Sampling	
500-290484-4	MW-04	Total/NA	Water	Field Sampling	
500-290484-5	MW-09	Total/NA	Water	Field Sampling	
500-290484-6	MW-11	Total/NA	Water	Field Sampling	
500-290484-7	MW-14	Total/NA	Water	Field Sampling	
500-290484-8	MW-16	Total/NA	Water	Field Sampling	
500-290484-9	MW-07	Total/NA	Water	Field Sampling	
500-290484-10	MW-05	Total/NA	Water	Field Sampling	
500-290484-11	MW-06	Total/NA	Water	Field Sampling	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-879938/1-A
Matrix: Water
Analysis Batch: 883009

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:09	1
Arsenic	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:09	1
Barium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 16:09	1
Beryllium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:09	1
Cadmium	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:09	1
Calcium	<0.20		0.20		mg/L		08/18/26 21:10	09/09/26 16:09	1
Chromium	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:09	1
Cobalt	<1.0		1.0		ug/L		08/18/26 21:10	09/09/26 16:09	1
Lead	<0.50		0.50		ug/L		08/18/26 21:10	09/09/26 16:09	1
Lithium	<10		10		ug/L		08/18/26 21:10	09/09/26 16:09	1
Molybdenum	<5.0		5.0		ug/L		08/18/26 21:10	09/09/26 16:09	1
Selenium	<2.5		2.5		ug/L		08/18/26 21:10	09/09/26 16:09	1
Thallium	<0.40		0.40		ug/L		08/18/26 21:10	09/09/26 16:09	1

Lab Sample ID: MB 500-879938/1-A
Matrix: Water
Analysis Batch: 883881

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	232		50		ug/L		08/18/26 21:10	09/15/26 13:37	1

Lab Sample ID: LCS 500-879938/2-A
Matrix: Water
Analysis Batch: 883009

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	200	194		ug/L		97	80 - 120
Arsenic	100	91.3		ug/L		91	80 - 120
Barium	500	472		ug/L		94	80 - 120
Beryllium	50.0	46.2		ug/L		92	80 - 120
Cadmium	50.0	46.4		ug/L		93	80 - 120
Calcium	10.0	8.33		mg/L		83	80 - 120
Chromium	200	190		ug/L		95	80 - 120
Cobalt	500	491		ug/L		98	80 - 120
Lead	100	96.3		ug/L		96	80 - 120
Lithium	100	99.2		ug/L		99	80 - 120
Molybdenum	1000	941		ug/L		94	80 - 120
Selenium	100	90.2		ug/L		90	80 - 120
Thallium	100	97.6		ug/L		98	80 - 120

Lab Sample ID: LCS 500-879938/2-A
Matrix: Water
Analysis Batch: 883881

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	1170		ug/L		117	80 - 120

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

Lab Sample ID: 500-290484-1 MS
Matrix: Water
Analysis Batch: 883009

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.0		200	207		ug/L		104	75 - 125
Arsenic	7.2		100	99.4		ug/L		92	75 - 125
Barium	71		500	565		ug/L		99	75 - 125
Beryllium	<0.40		50.0	45.6		ug/L		91	75 - 125
Cadmium	<0.50		50.0	48.0		ug/L		96	75 - 125
Calcium	97		10.0	110	4	mg/L		136	75 - 125
Chromium	<5.0		200	193		ug/L		96	75 - 125
Cobalt	<1.0		500	469		ug/L		94	75 - 125
Lead	<0.50		100	97.8		ug/L		98	75 - 125
Lithium	<10		100	99.0		ug/L		96	75 - 125
Molybdenum	35		1000	1040		ug/L		101	75 - 125
Selenium	13		100	112		ug/L		99	75 - 125
Thallium	<0.40		100	98.9		ug/L		99	75 - 125

Lab Sample ID: 500-290484-1 MS
Matrix: Water
Analysis Batch: 883881

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	3000	B	1000	4100		ug/L		107	75 - 125

Lab Sample ID: 500-290484-1 MSD
Matrix: Water
Analysis Batch: 883009

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.0		200	205		ug/L		103	75 - 125	1	20
Arsenic	7.2		100	98.4		ug/L		91	75 - 125	1	20
Barium	71		500	554		ug/L		97	75 - 125	2	20
Beryllium	<0.40		50.0	45.5		ug/L		91	75 - 125	0	20
Cadmium	<0.50		50.0	47.5		ug/L		95	75 - 125	1	20
Calcium	97		10.0	112	4	mg/L		154	75 - 125	2	20
Chromium	<5.0		200	191		ug/L		96	75 - 125	1	20
Cobalt	<1.0		500	463		ug/L		93	75 - 125	1	20
Lead	<0.50		100	95.7		ug/L		95	75 - 125	2	20
Lithium	<10		100	99.3		ug/L		96	75 - 125	0	20
Molybdenum	35		1000	1030		ug/L		99	75 - 125	1	20
Selenium	13		100	109		ug/L		96	75 - 125	3	20
Thallium	<0.40		100	96.2		ug/L		96	75 - 125	3	20

Lab Sample ID: 500-290484-1 MSD
Matrix: Water
Analysis Batch: 883881

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	3000	B	1000	4140		ug/L		111	75 - 125	1	20

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

Lab Sample ID: 500-290484-1 DU
Matrix: Water
Analysis Batch: 883009

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.0		<1.0		ug/L		NC	20
Arsenic	7.2		7.40		ug/L		3	20
Barium	71		75.9		ug/L		7	20
Beryllium	<0.40		<0.40		ug/L		NC	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	97		103		mg/L		6	20
Chromium	<5.0		17.9		ug/L		NC	20
Cobalt	<1.0		<1.0		ug/L		NC	20
Lead	<0.50		<0.50		ug/L		NC	20
Lithium	<10		<10		ug/L		NC	20
Molybdenum	35		34.9		ug/L		0.2	20
Selenium	13		12.8		ug/L		0	20
Thallium	<0.40		<0.40		ug/L		NC	20

Lab Sample ID: 500-290484-1 DU
Matrix: Water
Analysis Batch: 883881

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 879938

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	3000	B	3120		ug/L		3	20

Lab Sample ID: MB 500-884172/1-A
Matrix: Water
Analysis Batch: 884326

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 884172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		09/17/26 14:46	09/18/26 13:16	1

Lab Sample ID: LCS 500-884172/2-A
Matrix: Water
Analysis Batch: 884326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 884172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	999	^+	ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-879898/12-A
Matrix: Water
Analysis Batch: 880051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 879898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/18/26 12:55	08/19/26 08:27	1

Lab Sample ID: LCS 500-879898/13-A
Matrix: Water
Analysis Batch: 880051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 879898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.11		ug/L		106	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-290484-8 MS
Matrix: Water
Analysis Batch: 880051

Client Sample ID: MW-16
Prep Type: Total/NA
Prep Batch: 879898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.20		1.00	1.05		ug/L		105	75 - 125

Lab Sample ID: 500-290484-8 MSD
Matrix: Water
Analysis Batch: 880051

Client Sample ID: MW-16
Prep Type: Total/NA
Prep Batch: 879898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	1.06		ug/L		106	75 - 125	0	20

Lab Sample ID: 500-290484-8 DU
Matrix: Water
Analysis Batch: 880051

Client Sample ID: MW-16
Prep Type: Total/NA
Prep Batch: 879898

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

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

Lab Sample ID: MB 500-878119/1
Matrix: Water
Analysis Batch: 878119

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			08/05/26 03:22	1

Lab Sample ID: LCS 500-878119/2
Matrix: Water
Analysis Batch: 878119

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	254		mg/L		102	80 - 120

Lab Sample ID: MB 500-878307/1
Matrix: Water
Analysis Batch: 878307

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			08/06/26 04:43	1

Lab Sample ID: LCS 500-878307/2
Matrix: Water
Analysis Batch: 878307

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	258		mg/L		103	80 - 120

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

Lab Sample ID: MB 500-878485/1
Matrix: Water
Analysis Batch: 878485

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			08/07/26 02:47	1

Lab Sample ID: LCS 500-878485/2
Matrix: Water
Analysis Batch: 878485

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	242		mg/L		97	80 - 120		

Lab Sample ID: 500-290484-9 MS
Matrix: Water
Analysis Batch: 878485

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	1400		250	1550	4	mg/L		81	75 - 125		

Lab Sample ID: 500-290484-9 DU
Matrix: Water
Analysis Batch: 878485

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

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1400			1340		mg/L				0.9	10

Lab Sample ID: 500-290484-10 DU
Matrix: Water
Analysis Batch: 878485

Client Sample ID: MW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1400			1320		mg/L				4	10

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-879737/31
Matrix: Water
Analysis Batch: 879737

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			08/17/26 15:07	1

Lab Sample ID: LCS 500-879737/32
Matrix: Water
Analysis Batch: 879737

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	53.9		mg/L		108	85 - 115		

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-879541/3
Matrix: Water
Analysis Batch: 879541

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/13/26 16:21	1

Lab Sample ID: LCS 500-879541/4
Matrix: Water
Analysis Batch: 879541

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	9.92		mg/L		99	90 - 110

Lab Sample ID: MB 500-879751/34
Matrix: Water
Analysis Batch: 879751

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			08/17/26 13:19	1

Lab Sample ID: LCS 500-879751/35
Matrix: Water
Analysis Batch: 879751

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.9		mg/L		109	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-880363/41
Matrix: Water
Analysis Batch: 880363

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			08/20/26 17:55	1

Lab Sample ID: LCS 500-880363/42
Matrix: Water
Analysis Batch: 880363

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	20.0		mg/L		100	88 - 123

Lab Sample ID: MB 500-880635/3
Matrix: Water
Analysis Batch: 880635

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			08/24/26 10:45	1

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

Lab Sample ID: MB 500-880635/33
Matrix: Water
Analysis Batch: 880635

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			08/24/26 11:01	1

Lab Sample ID: LCS 500-880635/34
Matrix: Water
Analysis Batch: 880635

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	19.6		mg/L		98	88 - 123		

Lab Sample ID: LCS 500-880635/4
Matrix: Water
Analysis Batch: 880635

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	21.2		mg/L		106	88 - 123		

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 1
Client Contact: ~~Mitchel Dyian~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~1 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc~~ ROUX ASSOCIATES	PWSID:	Analysis Requested		Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			Preservation Codes: D HNO3, N None
City: Brookfield	TAT Requested (days):			
State, Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230880~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
Site: Illinois	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=wasteloil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note
			Preservation Code:		N	N	D	D	N		
1 MW-01	8/3/26	1242	G	Water	N	N	X	X	X	5	
2 MW-02	8/3/26	1340		Water							
3 MW-03	8/3/26	1502		Water							
4 MW-04	8/3/26	1608		Water							
~~MW-09~~				Water							
~~MW-12~~				Water							
~~MW-14~~				Water							
~~MW-16~~				Water							
~~Duplicate~~				Water							
~~DW-05~~				Water							
~~MW-08~~				Water							

500-290484 COC

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kaelyn Sperle	8/3/26/1745	ROUX	FEDEX	8/3/26/1745	FEDEX
2	Relinquished by:	Date/Time:	Company	Received by: Chris Rodl	8/4/26 0845	FEDEX
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: 1.4→1.6

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 1
Client Contact: ~~Mitchell Bolen~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~1 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc~~ ROUX ASSOCIATES	PWSID:	Analysis Requested		Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			Preservation Codes: D HNO3 N None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230000~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			Other:
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
Site: Illinois	SSOW#:			

500-290484 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 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-06~~				Water																
~~MW-04~~				Water																
MW-09	8/4/26	1445	G	Water	M	N	X	X	X										5	
MW-11	8/4/26	1113		Water																
MW-14	8/4/26	1235		Water																
MW-16	8/4/26	1346		Water																
~~Duplicate~~				Water																
~~MW-05~~				Water																
~~MW-08~~				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
Kaelyn Sperle	8/4/26/1800	ROUX	FEDEX	8/4/26/1800	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[illegible]	8/5/26 0905	BETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:	4/-7.40 4804

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 2
Client Contact: ~~Mitchel Dolan~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~2 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc.~~ ROUX ASSOCIATES	PWSID:	Analysis Requested		Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			Preservation Codes: D HNO3; N None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230086~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
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, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	N		
9	MW-07	8/5/26	1506	G	Water	N	N	X	X	X	5	
10	MW-05	8/5/26	1415									
11	MW-06	8/5/26	1258									
12	DUPLICATE	8/5/26	—									

500-290484 COC

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
Kaelyn Sperle	8/5/26/1630	ROUX	FEDEX	8/5/26/1630	FEDEX
Relinquished by:	Date/Time:	Company	Received by: Stephanie Hemond	8/6/26 0925	EETA
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: 3.0+2.9


PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200
500-290484 Waybi
RMA.
FedEx
Express
RETURNS MON-SAT
PRIORITY OVERNIGHT
TRK# 0221 5266 3697 7706
FedEx
TRK# 0221 5266 3697 7706
TUE - 04 AUG 10.30A
PRIORITY OVERNIGHT
79 JOTA
60487
IL-US
ORD

500-290484 Waybi

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ATLNGT 25 00 LB MAN
CAD 0780302/CAFE4004

Part # 159469-42a RRDB2 EXP 10/2

TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200

INV:
PO
REF:
DEPT:

RMA

FedEx Express

TRK# 0221 5266 3697 7647

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

FedEx

TRK# 0221 5266 3697 7647

IL-US
WED - 05 AUG 10 30A
PRIORITY OVERNIGHT

79 JOTA

60487
IL-US ORD

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE4004

TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200 REF:
INV:
PO: DEPT:

RMA

Part # 159469-494 RRDB2 EXP 10/26

FedEx Express

500-290484 Waybi

THU - 06 AUG 10:30A
PRIORITY OVERNIGHT

60487
ORD

FedEx
TRK# 5266 3697 7669
0221

79 JOTA

30 lbs

THU
EUROFINS
18410 CROSSING DR
STE E
TINLEY PARK IL
PRIORITY OVERNIGHT
60487
415-535FL

02/27

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-290484-1

Login Number: 290484

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.6,4.0,2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-01

Date Collected: 08/03/26 12:42
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:17
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	883881	RN	EET CHI	09/15/26 13:43
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:31
Total/NA	Analysis	SM 2540C		1	878119	CLB	EET CHI	08/05/26 04:13
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:12
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:25
Total/NA	Analysis	SM 4500 SO4 E		10	880635	TR	EET CHI	08/24/26 11:52
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/03/26 12:42

Client Sample ID: MW-02

Date Collected: 08/03/26 13:40
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:39
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	883881	RN	EET CHI	09/15/26 14:00
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:33
Total/NA	Analysis	SM 2540C		1	878119	CLB	EET CHI	08/05/26 04:16
Total/NA	Analysis	SM 4500 Cl- E		10	879737	TR	EET CHI	08/17/26 15:36
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:29
Total/NA	Analysis	SM 4500 SO4 E		10	880635	TR	EET CHI	08/24/26 11:52
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/03/26 13:40

Client Sample ID: MW-03

Date Collected: 08/03/26 15:02
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:50
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	883881	RN	EET CHI	09/15/26 14:03
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:35
Total/NA	Analysis	SM 2540C		1	878119	CLB	EET CHI	08/05/26 04:18
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:13
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:33

Client Sample ID: MW-03

Lab Sample ID: 500-290484-3

Date Collected: 08/03/26 15:02

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		10	880635	TR	EET CHI	08/24/26 10:52
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/03/26 15:02

Client Sample ID: MW-04

Lab Sample ID: 500-290484-4

Date Collected: 08/03/26 16:08

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 ¹
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:53
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 ¹
Total Recoverable	Analysis	6020B		5	884248	RN	EET CHI	09/17/26 13:43
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 ¹
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:37
Total/NA	Analysis	SM 2540C		1	878119	CLB	EET CHI	08/05/26 04:21
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:13
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:37
Total/NA	Analysis	SM 4500 SO4 E		10	880635	TR	EET CHI	08/24/26 10:52
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/03/26 16:08

Client Sample ID: MW-09

Lab Sample ID: 500-290484-5

Date Collected: 08/04/26 14:45

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 ¹
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:56
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 ¹
Total Recoverable	Analysis	6020B		5	884248	RN	EET CHI	09/17/26 13:46
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 ¹
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:39
Total/NA	Analysis	SM 2540C		1	878307	CLB	EET CHI	08/06/26 05:24
Total/NA	Analysis	SM 4500 Cl- E		10	879737	TR	EET CHI	08/17/26 15:38
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:42
Total/NA	Analysis	SM 4500 SO4 E		10	880635	TR	EET CHI	08/24/26 10:53
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/04/26 14:45

Client Sample ID: MW-11

Lab Sample ID: 500-290484-6

Date Collected: 08/04/26 11:13

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 ¹
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 16:58

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-11

Date Collected: 08/04/26 11:13
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			884172	SG	EET CHI	09/17/26 14:46 - 09/17/26 20:46 [1]
Total Recoverable	Analysis	6020B		1	884326	RN	EET CHI	09/18/26 13:34
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:41
Total/NA	Analysis	SM 2540C		1	878307	CLB	EET CHI	08/06/26 05:26
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:14
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:46
Total/NA	Analysis	SM 4500 SO4 E		1	880363	TR	EET CHI	08/20/26 17:56
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/04/26 11:13

Client Sample ID: MW-14

Date Collected: 08/04/26 12:35
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:01
Total Recoverable	Prep	3005A			884172	SG	EET CHI	09/17/26 14:46 - 09/17/26 20:46 [1]
Total Recoverable	Analysis	6020B		1	884326	RN	EET CHI	09/18/26 13:36
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:43
Total/NA	Analysis	SM 2540C		1	878307	CLB	EET CHI	08/06/26 05:29
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:15
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 17:50
Total/NA	Analysis	SM 4500 SO4 E		1	880363	TR	EET CHI	08/20/26 17:57
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/04/26 12:35

Client Sample ID: MW-16

Date Collected: 08/04/26 13:46
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:04
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		10	884248	RN	EET CHI	09/17/26 13:49
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:49
Total/NA	Analysis	SM 2540C		1	878307	CLB	EET CHI	08/06/26 05:32
Total/NA	Analysis	SM 4500 Cl- E		10	879737	TR	EET CHI	08/17/26 15:38
Total/NA	Analysis	SM 4500 F C		1	879541	AC	EET CHI	08/13/26 18:02
Total/NA	Analysis	SM 4500 SO4 E		20	880635	TR	EET CHI	08/24/26 11:54
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/04/26 13:46

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-07

Lab Sample ID: 500-290484-9

Date Collected: 08/05/26 15:06

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:10
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		10	884248	RN	EET CHI	09/17/26 13:52
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		10	883881	RN	EET CHI	09/15/26 14:28
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:57
Total/NA	Analysis	SM 2540C		1	878485	CLB	EET CHI	08/07/26 02:52
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:16
Total/NA	Analysis	SM 4500 F C		1	879751	AC	EET CHI	08/17/26 14:47
Total/NA	Analysis	SM 4500 SO4 E		20	880635	TR	EET CHI	08/24/26 11:55
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/05/26 15:06

Client Sample ID: MW-05

Lab Sample ID: 500-290484-10

Date Collected: 08/05/26 14:15

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:18
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		10	884248	RN	EET CHI	09/17/26 13:55
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	883881	RN	EET CHI	09/15/26 14:31
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 08:59
Total/NA	Analysis	SM 2540C		1	878485	CLB	EET CHI	08/07/26 02:59
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:17
Total/NA	Analysis	SM 4500 F C		1	879751	AC	EET CHI	08/17/26 14:51
Total/NA	Analysis	SM 4500 SO4 E		20	880363	TR	EET CHI	08/20/26 18:00
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/05/26 14:15

Client Sample ID: MW-06

Lab Sample ID: 500-290484-11

Date Collected: 08/05/26 12:58

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:26
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	884248	RN	EET CHI	09/17/26 14:10
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 09:01

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Client Sample ID: MW-06

Lab Sample ID: 500-290484-11

Date Collected: 08/05/26 12:58

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	878485	CLB	EET CHI	08/07/26 03:05
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:17
Total/NA	Analysis	SM 4500 F C		1	879751	AC	EET CHI	08/17/26 14:55
Total/NA	Analysis	SM 4500 SO4 E		1	880363	TR	EET CHI	08/20/26 18:00
Total/NA	Analysis	Field Sampling		1	880846	DN	EET CHI	08/05/26 12:58

Client Sample ID: Duplicate

Lab Sample ID: 500-290484-12

Date Collected: 08/05/26 00:00

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		1	883009	RN	EET CHI	09/09/26 17:29
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		10	884248	RN	EET CHI	09/17/26 14:14
Total Recoverable	Prep	3005A			879938	MA	EET CHI	08/18/26 21:10 - 08/19/26 05:10 [1]
Total Recoverable	Analysis	6020B		5	883881	RN	EET CHI	09/15/26 14:39
Total/NA	Prep	7470A			879898	MJG	EET CHI	08/18/26 12:55 - 08/18/26 14:55 [1]
Total/NA	Analysis	7470A		1	880051	MJG	EET CHI	08/19/26 09:03
Total/NA	Analysis	SM 2540C		1	878485	CLB	EET CHI	08/07/26 03:07
Total/NA	Analysis	SM 4500 Cl- E		1	879737	TR	EET CHI	08/17/26 15:18
Total/NA	Analysis	SM 4500 F C		1	879751	AC	EET CHI	08/17/26 14:58
Total/NA	Analysis	SM 4500 SO4 E		20	880635	TR	EET CHI	08/24/26 11:55

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

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR

Job ID: 500-290484-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-27

Parameter | Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-09	MW-11	MW-14	MW-16
Field pH	7.18	8.32	7.38	7.15	6.77	6.84	6.97	7.25	6.99	7.07	6.91
Field Temp (deg C)	13.4	13.7	13.7	13.3	13.0	13.8	12.5	13.5	14.9	15.7	14.9
Field Specific Conductance (mS/cm)	0.727	0.556	0.784	0.824	1.178	0.670	1.139	0.843	0.909	0.829	1.248
Dissolved Oxygen (mg/L)	0.36	0.36	0.93	1.62	0.35	0.34	0.39	0.30	0.29	0.27	0.31
Field Turbidity NTU	13.40	13.40	13.06	14.12	39.33	25.09	28.48	20.65	28.47	19.69	18.72
ORP (mV)	202.9	72.2	61.7	80.1	-95.8	-75.3	-121.1	-128.7	-120.3	-136.9	30.3
Groundwater Elevation (ft)	581.73	581.68	581.73	581.61	582.22	582.56	581.39	583.45	584.39	584.90	580.89
Description	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Slightly turbid	Slightly turbid	Clear
Sampling Method	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 9/4/2026 12:48:17 PM

JOB DESCRIPTION

Waukegan CCR (RAD)

JOB NUMBER

500-290484-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
9/4/2026 12:48:17 PM

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

Table of Contents

Cover Page 1
Table of Contents 3
Case Narrative 4
Method Summary 5
Sample Summary 6
Client Sample Results 7
Definitions 19
QC Association 20
QC Sample Results 21
Chain of Custody 24
Receipt Checklists 33
Chronicle 37
Certification Summary 40
Tracer Carrier Summary 41

Job ID: 500-290484-2 Eurofins Chicago

Job Narrative
500-290484-2

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

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

Receipt
The samples were received on 8/4/2026 8:45 AM, 8/5/2026 9:05 AM and 8/6/2026 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.6°C, 2.9°C and 4.0°C.

Gas Flow Proportional Counter
Method 904.0: Radium 228 batch 785174
The detection goal was not met for the following samples due to the reduced sample volume used in prep attributed to the presence of matrix interferences: MW-01 (500-290484-1), MW-02 (500-290484-2), MW-03 (500-290484-3), MW-04 (500-290484-4), MW-11 (500-290484-6), MW-14 (500-290484-7) and MW-16 (500-290484-8). Analytical results are reported with the detection limit achieved.

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

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

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

Protocol References:

EPA = US Environmental Protection Agency

Lab SOP = Laboratory Standard Operating Procedure

None = None

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Job ID: 500-290484-2
Project/Site: Waukegan CCR (RAD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-290484-1	MW-01	Water	08/03/26 12:42	08/04/26 08:45	Illinois
500-290484-2	MW-02	Water	08/03/26 13:40	08/04/26 08:45	Illinois
500-290484-3	MW-03	Water	08/03/26 15:02	08/04/26 08:45	Illinois
500-290484-4	MW-04	Water	08/03/26 16:08	08/04/26 08:45	Illinois
500-290484-5	MW-09	Water	08/04/26 14:45	08/05/26 09:05	Illinois
500-290484-6	MW-11	Water	08/04/26 11:13	08/05/26 09:05	Illinois
500-290484-7	MW-14	Water	08/04/26 12:35	08/05/26 09:05	Illinois
500-290484-8	MW-16	Water	08/04/26 13:46	08/05/26 09:05	Illinois
500-290484-9	MW-07	Water	08/05/26 15:06	08/06/26 09:25	Illinois
500-290484-10	MW-05	Water	08/05/26 14:15	08/06/26 09:25	Illinois
500-290484-11	MW-06	Water	08/05/26 12:58	08/06/26 09:25	Illinois
500-290484-12	Duplicate	Water	08/05/26 00:00	08/06/26 09:25	Illinois

Client Sample ID: MW-01

Date Collected: 08/03/26 12:42
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-1

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	<0.444	U	0.291	0.293	1.00	0.444	pCi/L	08/07/26 12:12	09/01/26 21:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.14	U G	0.737	0.742	1.00	1.14	pCi/L	08/07/26 12:18	09/01/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.30**		0.792	0.798	5.00	1.14	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-02
Date Collected: 08/03/26 13:40
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-2
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	<0.527	U	0.223	0.223	1.00	0.527	pCi/L	08/07/26 12:12	09/01/26 21:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.9*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.34	U G	0.822	0.825	1.00	1.34	pCi/L	08/07/26 12:18	09/01/26 13:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.9*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:38*	*1*
Y Carrier	*74.4*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:38*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.34	U	0.852	0.855	5.00	1.34	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-03
Date Collected: 08/03/26 15:02
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-3
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	<0.456	U	0.283	0.284	1.00	0.456	pCi/L	08/07/26 12:12	09/01/26 21:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.13	U G	0.659	0.660	1.00	1.13	pCi/L	08/07/26 12:18	09/01/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*
Y Carrier	*77.0*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.13	U	0.717	0.719	5.00	1.13	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-04
Date Collected: 08/03/26 16:08
Date Received: 08/04/26 08:45

Lab Sample ID: 500-290484-4
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	<0.334	U	0.195	0.196	1.00	0.334	pCi/L	08/07/26 12:12	09/01/26 21:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.09	U G	0.614	0.614	1.00	1.09	pCi/L	08/07/26 12:18	09/01/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*
Y Carrier	*72.9*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.09	U	0.644	0.645	5.00	1.09	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-09
Date Collected: 08/04/26 14:45
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.319	U	0.186	0.186	1.00	0.319	pCi/L	08/07/26 12:12	09/01/26 21:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*65.4*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.938	U	0.597	0.600	1.00	0.938	pCi/L	08/07/26 12:18	09/01/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*65.4*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*
Y Carrier	*75.1*		*30 - 110*	*08/07/26 12:18*	*09/01/26 13:39*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.938	U	0.625	0.628	5.00	0.938	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-11

Date Collected: 08/04/26 11:13
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-6

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.472	U	0.315	0.317	1.00	0.472	pCi/L	08/07/26 12:12	09/01/26 21:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*65.7*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.97**	**G**	0.967	0.984	1.00	1.36	pCi/L	08/07/26 12:18	09/01/26 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*65.7*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*
Y Carrier	*72.1*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**2.32**		1.02	1.03	5.00	1.36	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-14
Date Collected: 08/04/26 12:35
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-7
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.408	U	0.253	0.253	1.00	0.408	pCi/L	08/07/26 12:12	09/01/26 21:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.25	U G	0.818	0.825	1.00	1.25	pCi/L	08/07/26 12:18	09/01/26 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*
Y Carrier	*71.4*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.38**		0.856	0.863	5.00	1.25	pCi/L		09/04/26 12:17	1

Client Sample ID: MW-16
Date Collected: 08/04/26 13:46
Date Received: 08/05/26 09:05

Lab Sample ID: 500-290484-8
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.330	U	0.193	0.193	1.00	0.330	pCi/L	08/07/26 12:12	09/01/26 21:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.6*		*30 - 110*	*08/07/26 12:12*	*09/01/26 21:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.27	U G	0.686	0.686	1.00	1.27	pCi/L	08/07/26 12:18	09/01/26 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.6*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*
Y Carrier	*70.7*		*30 - 110*	*08/07/26 12:18*	*09/01/26 14:07*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.27	U	0.713	0.713	5.00	1.27	pCi/L		09/04/26 12:17	1

Client Sample ID: MW-07
Date Collected: 08/05/26 15:06
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.342**		0.116	0.120	1.00	0.0973	pCi/L	08/10/26 08:55	09/01/26 08:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*08/10/26 08:55*	*09/01/26 08:20*	*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	<0.815	U	0.508	0.511	1.00	0.815	pCi/L	08/10/26 10:40	08/25/26 14:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:02*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:02*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.891**		0.521	0.525	5.00	0.815	pCi/L		09/04/26 12:17	1

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-05

Date Collected: 08/05/26 14:15
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-10

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	**0.293**		0.122	0.125	1.00	0.143	pCi/L	08/10/26 08:55	09/01/26 08:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*08/10/26 08:55*	*09/01/26 08:20*	*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	<0.722	U	0.463	0.467	1.00	0.722	pCi/L	08/10/26 10:40	08/25/26 14:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:06*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:06*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.880**		0.479	0.483	5.00	0.722	pCi/L		09/04/26 12:17	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-06

Date Collected: 08/05/26 12:58
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-11

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	**0.244**		0.114	0.116	1.00	0.134	pCi/L	08/10/26 08:55	09/01/26 08:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*08/10/26 08:55*	*09/01/26 08:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.774	U	0.462	0.463	1.00	0.774	pCi/L	08/10/26 10:40	08/25/26 14:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:05*	*1*
Y Carrier	*83.7*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:05*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.774	U	0.476	0.477	5.00	0.774	pCi/L		09/04/26 12:17	1

Client Sample ID: Duplicate

Date Collected: 08/05/26 00:00
Date Received: 08/06/26 09:25

Lab Sample ID: 500-290484-12

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	0.329		0.125	0.128	1.00	0.144	pCi/L	08/10/26 08:55	09/01/26 08:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*30 - 110*	*08/10/26 08:55*	*09/01/26 08:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.39		0.509	0.524	1.00	0.652	pCi/L	08/10/26 10:40	08/25/26 14:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:06*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/10/26 10:40*	*08/25/26 14:06*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.72		0.524	0.539	5.00	0.652	pCi/L		09/04/26 12:17	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Rad

Prep Batch: 785172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	PrecSep-21	
500-290484-2	MW-02	Total/NA	Water	PrecSep-21	
500-290484-3	MW-03	Total/NA	Water	PrecSep-21	
500-290484-4	MW-04	Total/NA	Water	PrecSep-21	
500-290484-5	MW-09	Total/NA	Water	PrecSep-21	
500-290484-6	MW-11	Total/NA	Water	PrecSep-21	
500-290484-7	MW-14	Total/NA	Water	PrecSep-21	
500-290484-8	MW-16	Total/NA	Water	PrecSep-21	
MB 160-785172/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-785172/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-290484-5 DU	MW-09	Total/NA	Water	PrecSep-21	

Prep Batch: 785174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-1	MW-01	Total/NA	Water	PrecSep_0	
500-290484-2	MW-02	Total/NA	Water	PrecSep_0	
500-290484-3	MW-03	Total/NA	Water	PrecSep_0	
500-290484-4	MW-04	Total/NA	Water	PrecSep_0	
500-290484-5	MW-09	Total/NA	Water	PrecSep_0	
500-290484-6	MW-11	Total/NA	Water	PrecSep_0	
500-290484-7	MW-14	Total/NA	Water	PrecSep_0	
500-290484-8	MW-16	Total/NA	Water	PrecSep_0	
MB 160-785174/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-785174/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-290484-5 DU	MW-09	Total/NA	Water	PrecSep_0	

Prep Batch: 785383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-9	MW-07	Total/NA	Water	PrecSep-21	
500-290484-10	MW-05	Total/NA	Water	PrecSep-21	
500-290484-11	MW-06	Total/NA	Water	PrecSep-21	
500-290484-12	Duplicate	Total/NA	Water	PrecSep-21	
MB 160-785383/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-785383/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 785421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-290484-9	MW-07	Total/NA	Water	PrecSep_0	
500-290484-10	MW-05	Total/NA	Water	PrecSep_0	
500-290484-11	MW-06	Total/NA	Water	PrecSep_0	
500-290484-12	Duplicate	Total/NA	Water	PrecSep_0	
MB 160-785421/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-785421/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-785172/1-A
Matrix: Water
Analysis Batch: 789022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 785172

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.321	U	0.160	0.160	1.00	0.321	pCi/L	08/07/26 12:12	09/01/26 21:24	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.2		30 - 110	08/07/26 12:12	09/01/26 21:24	1

Lab Sample ID: LCS 160-785172/2-A
Matrix: Water
Analysis Batch: 789022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 785172

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.33		1.37	1.00	0.342	pCi/L	91	66 - 126		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.4		30 - 110

Lab Sample ID: 500-290484-5 DU
Matrix: Water
Analysis Batch: 789022

Client Sample ID: MW-09
Prep Type: Total/NA
Prep Batch: 785172

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	<0.319	U		0.4174		0.228	1.00	0.253	pCi/L			0.71	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	78.9		30 - 110

Lab Sample ID: MB 160-785383/1-A
Matrix: Water
Analysis Batch: 789022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 785383

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.117	U	0.0569	0.0569	1.00	0.117	pCi/L	08/10/26 08:55	09/01/26 08:19	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110	08/10/26 08:55	09/01/26 08:19	1

Lab Sample ID: LCS 160-785383/2-A
Matrix: Water
Analysis Batch: 789022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 785383

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	11.59		1.22	1.00	0.0883	pCi/L	102	66 - 126		

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

Lab Sample ID: LCS 160-785383/2-A
Matrix: Water
Analysis Batch: 789022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 785383

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.5		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-785174/1-A
Matrix: Water
Analysis Batch: 788987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 785174

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.718	U	0.374	0.374	1.00	0.718	pCi/L	08/07/26 12:18	09/01/26 13:26	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.2		30 - 110	08/07/26 12:18	09/01/26 13:26	1
Y Carrier	80.0		30 - 110	08/07/26 12:18	09/01/26 13:26	1

Lab Sample ID: LCS 160-785174/2-A
Matrix: Water
Analysis Batch: 788987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 785174

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.83	8.594		1.33	1.00	0.781	pCi/L	97	72 - 150		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.4		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: 500-290484-5 DU
Matrix: Water
Analysis Batch: 788987

Client Sample ID: MW-09
Prep Type: Total/NA
Prep Batch: 785174

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	<0.938	U		1.121		0.565	1.00	0.791	pCi/L			0.35	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	78.9		30 - 110
Y Carrier	79.3		30 - 110

Lab Sample ID: MB 160-785421/1-A
Matrix: Water
Analysis Batch: 787886

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 785421

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7793		0.463	0.469	1.00	0.682	pCi/L	08/10/26 10:40	08/25/26 13:50	1

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

Lab Sample ID: MB 160-785421/1-A
Matrix: Water
Analysis Batch: 787886

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 785421

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110	08/10/26 10:40	08/25/26 13:50	1
Y Carrier	81.9		30 - 110	08/10/26 10:40	08/25/26 13:50	1

Lab Sample ID: LCS 160-785421/2-A
Matrix: Water
Analysis Batch: 787886

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 785421

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.85	11.74		1.59	1.00	0.717	pCi/L	133	72 - 150		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.5		30 - 110
Y Carrier	80.4		30 - 110

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 1
Client Contact: ~~Mitchel Dyian~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~1 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc~~ ROUX ASSOCIATES	PWSID:			Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			
City: Brookfield	TAT Requested (days):			
State, Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230880~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
Site: Illinois	SSOW#:			

Analysis Requested

Preservation Codes: D HNO3; N None

500-290484 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=wasteoil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note
			Preservation Code:				D	D	N		
1 MW-01	8/3/26	1242	G	Water	N	N	X	X	X	5	
2 MW-02	8/3/26	1340		Water							
3 MW-03	8/3/26	1502		Water							
4 MW-04	8/3/26	1608		Water							
~~MW-09~~				Water							
~~MW-12~~				Water							
~~MW-14~~				Water							
~~MW-16~~				Water							
~~Duplicate~~				Water							
~~DW-05~~				Water							
~~MW-08~~				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
1	Kaelyn Sperle	8/3/26/1745	ROUX	FEDEX	8/3/26/1745	FEDEX
2	Relinquished by:	Date/Time:	Company	Received by: Chris Rodl	8/4/26 0845	FEDEX
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: 1.4→1.6

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 1
Client Contact: ~~Mitchell Bolen~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~1 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc~~ ROUX ASSOCIATES	PWSID:	Analysis Requested		Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			Preservation Codes: D HNO3 N None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230000~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			Other:
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
Site: Illinois	SSOW#:			

500-290484 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 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-06~~				Water																
~~MW-04~~				Water																
MW-09	8/4/26	1445	G	Water	M	N	X	X	X										5	
MW-11	8/4/26	1113		Water																
MW-14	8/4/26	1235		Water																
MW-16	8/4/26	1346		Water																
~~Duplicate~~				Water																
~~MW-05~~				Water																
~~MW-08~~				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
Kaelyn Sperle	8/4/26/1800	ROUX	FEDEX	8/4/26/1800	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/5/26 0905	Company BETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4/-7+0 4BQ4

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: KAELYN SPERLE	Lab PM: Mockler Diana J	Carrier Tracking No(s):	COC No: 500-153530-44027 2
Client Contact: ~~Mitchel Dolan~~ KAELYN SPERLE	Phone: 262-278-1621	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page ~~2 of 2~~ 1 of 1
Company: ~~KPRG and Associates, Inc.~~ ROUX ASSOCIATES	PWSID:	Analysis Requested		Job #: 500-290484
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: STANDARD			Preservation Codes: D HNO3; N None
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: ~~4502230086~~ 4502188608			
Email: ~~mitchell@kprginc.com~~ ksperle@rouxinc.com	WO #:			
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR	Project #: 50011597			
Site: Illinois	SSOW#:			Other:

500-290484 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	N		
9	MW-07	8/5/26	1506	G	Water	N	N	X	X	X	5	
10	MW-05	8/5/26	1415									
11	MW-06	8/5/26	1258									
12	DUPLICATE	8/5/26	—									

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
Kaelyn Sperle	8/5/26/1630	ROUX	FEDEX	8/5/26/1630	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Stephanie Hemond	8/6/26 0925	EETA
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: 3.0+2.9


PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200
500-290484 Waybi
RMA.
FedEx
Express
RETURNS MON-SAT
PRIORITY OVERNIGHT
TRK# 0221 5266 3697 7706
FedEx
TRK# 0221 5266 3697 7706
TUE - 04 AUG 10.30A
PRIORITY OVERNIGHT
79 JOTA
60487
IL-US
ORD

500-290484 Waybi

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ATLNGT 25 00 LB MAN
CAD 07803027/CAFE4004

Part # 159469-42a RRDB2 EXP 10/2

TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200

REF:
INV:
PO
DEPT:

RMA

FedEx Express

TRK# 0221 5266 3697 7647

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

FedEx

TRK# 0221 5266 3697 7647

IL-US
WED - 05 AUG 10 30A
PRIORITY OVERNIGHT

79 JOTA

60487
IL-US ORD

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE4004

TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(708) 534-6200 REF:
INV:
PO: DEPT:

RMA

Part # 159469-494 RRDB2 EXP 10/26

FedEx Express

500-290484 Waybi

THU - 06 AUG 10:30A
PRIORITY OVERNIGHT

60487
ORD
IL US

FedEx
TRK# 5266 3697 7669
0221

79 JOTA

30 lbs

THU
EUROFINS
18410 CROSSING DR
STE E
TINLEY PARK IL
60487-9287 77
PRIORITY OVERNIGHT
415-535FL
EPR 24

02/27

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-226446.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-290484-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Waukegan CCR (RAD)	Project #: 50011597			
Site: NRG Midwest Generation Waukegan	SSOW#: N/A			Other: N/A

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_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-01 (500-290484-1)	8/3/26	12:42 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-02 (500-290484-2)	8/3/26	13:40 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-03 (500-290484-3)	8/3/26	15:02 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-04 (500-290484-4)	8/3/26	16:08 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	S. Hernandez	8/4/26 1600	EEN		0910 AUG 05 2026	
	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	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:

Ver: 03/20/2026

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-226564.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-290484-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/8/2026			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Waukegan CCR (RAD)	Project #: 50011597			
Site: NRG Midwest Generation Waukegan	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-09 (500-290484-5)	8/4/26	14:45 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-11 (500-290484-6)	8/4/26	11:13 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-14 (500-290484-7)	8/4/26	12:35 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-16 (500-290484-8)	8/4/26	13:46 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Chris Scott	8/5/26 1600			AUG 05 2026	
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	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:

Ver: 03/20/2026

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-226646.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-290484-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/8/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Waukegan CCR (RAD)	Project #: 50011597			
Site: NRG Midwest Generation Waukegan	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-07 (500-290484-9)	8/5/26	15:06 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-05 (500-290484-10)	8/5/26	14:15 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
MW-06 (500-290484-11)	8/5/26	12:58 Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
Duplicate (500-290484-12)	8/5/26	Central	G	Water			X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
S. Hemcmdy	8/6/26 1600	EEA	[illegible]	8/7/26 0840	GASC
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:

9/4/2026

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-290484-2

Login Number: 290484

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.6,4.0,2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-290484-2

Login Number: 290484
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/05/26 01:31 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-290484-2

Login Number: 290484
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/06/26 01:40 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.	False	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-290484-2

Login Number: 290484
List Number: 4
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/07/26 01:34 PM

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

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-01

Lab Sample ID: 500-290484-1

Date Collected: 08/03/26 12:42

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:23
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	788987	SWS	EET SL	09/01/26 13:39
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-02

Lab Sample ID: 500-290484-2

Date Collected: 08/03/26 13:40

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:23
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	788987	SWS	EET SL	09/01/26 13:38
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-03

Lab Sample ID: 500-290484-3

Date Collected: 08/03/26 15:02

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:24
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	788987	SWS	EET SL	09/01/26 13:39
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-04

Lab Sample ID: 500-290484-4

Date Collected: 08/03/26 16:08

Matrix: Water

Date Received: 08/04/26 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:23
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	788987	SWS	EET SL	09/01/26 13:39
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-09

Lab Sample ID: 500-290484-5

Date Collected: 08/04/26 14:45

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:24
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	788987	SWS	EET SL	09/01/26 13:39
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-11

Lab Sample ID: 500-290484-6

Date Collected: 08/04/26 11:13

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:23
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	789022	SWS	EET SL	09/01/26 14:07
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-14

Lab Sample ID: 500-290484-7

Date Collected: 08/04/26 12:35

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:24
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	789022	SWS	EET SL	09/01/26 14:07
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-16

Lab Sample ID: 500-290484-8

Date Collected: 08/04/26 13:46

Matrix: Water

Date Received: 08/05/26 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785172	ASL	EET SL	08/07/26 12:12
Total/NA	Analysis	903.0		1	789022	SWS	EET SL	09/01/26 21:24
Total/NA	Prep	PrecSep_0			785174	ASL	EET SL	08/07/26 12:18
Total/NA	Analysis	904.0		1	789022	SWS	EET SL	09/01/26 14:07
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Client Sample ID: MW-07

Lab Sample ID: 500-290484-9

Date Collected: 08/05/26 15:06

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785383	IH	EET SL	08/10/26 08:55
Total/NA	Analysis	903.0		1	789021	SWS	EET SL	09/01/26 08:20
Total/NA	Prep	PrecSep_0			785421	IH	EET SL	08/10/26 10:40
Total/NA	Analysis	904.0		1	787886	SWS	EET SL	08/25/26 14:02
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-05

Lab Sample ID: 500-290484-10

Date Collected: 08/05/26 14:15

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785383	IH	EET SL	08/10/26 08:55
Total/NA	Analysis	903.0		1	789021	SWS	EET SL	09/01/26 08:20
Total/NA	Prep	PrecSep_0			785421	IH	EET SL	08/10/26 10:40
Total/NA	Analysis	904.0		1	787898	SWS	EET SL	08/25/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: MW-06

Lab Sample ID: 500-290484-11

Date Collected: 08/05/26 12:58

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785383	IH	EET SL	08/10/26 08:55
Total/NA	Analysis	903.0		1	789020	SWS	EET SL	09/01/26 08:22
Total/NA	Prep	PrecSep_0			785421	IH	EET SL	08/10/26 10:40
Total/NA	Analysis	904.0		1	787898	SWS	EET SL	08/25/26 14:05
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Client Sample ID: Duplicate

Lab Sample ID: 500-290484-12

Date Collected: 08/05/26 00:00

Matrix: Water

Date Received: 08/06/26 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			785383	IH	EET SL	08/10/26 08:55
Total/NA	Analysis	903.0		1	789020	SWS	EET SL	09/01/26 08:22
Total/NA	Prep	PrecSep_0			785421	IH	EET SL	08/10/26 10:40
Total/NA	Analysis	904.0		1	787898	SWS	EET SL	08/25/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	789743	FLC	EET SL	09/04/26 12:17

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-26

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR (RAD)

Job ID: 500-290484-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
500-290484-1	MW-01	75.1
500-290484-2	MW-02	66.9
500-290484-3	MW-03	74.2
500-290484-4	MW-04	87.7
500-290484-5	MW-09	65.4
500-290484-5 DU	MW-09	78.9
500-290484-6	MW-11	65.7
500-290484-7	MW-14	73.3
500-290484-8	MW-16	78.6
500-290484-9	MW-07	80.9
500-290484-10	MW-05	81.8
500-290484-11	MW-06	77.4
500-290484-12	Duplicate	95.3
LCS 160-785172/2-A	Lab Control Sample	80.4
LCS 160-785383/2-A	Lab Control Sample	86.5
MB 160-785172/1-A	Method Blank	84.2
MB 160-785383/1-A	Method Blank	84.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
500-290484-1	MW-01	75.1	76.6
500-290484-2	MW-02	66.9	74.4
500-290484-3	MW-03	74.2	77.0
500-290484-4	MW-04	87.7	72.9
500-290484-5	MW-09	65.4	75.1
500-290484-5 DU	MW-09	78.9	79.3
500-290484-6	MW-11	65.7	72.1
500-290484-7	MW-14	73.3	71.4
500-290484-8	MW-16	78.6	70.7
500-290484-9	MW-07	80.9	81.1
500-290484-10	MW-05	81.8	82.2
500-290484-11	MW-06	77.4	83.7
500-290484-12	Duplicate	95.3	78.5
LCS 160-785174/2-A	Lab Control Sample	80.4	77.0
LCS 160-785421/2-A	Lab Control Sample	86.5	80.4
MB 160-785174/1-A	Method Blank	84.2	80.0
MB 160-785421/1-A	Method Blank	84.8	81.9

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/3/26
Sample Name	MW-01	Start Time	1220	
Condition of Well	GOOD			
Water Level	21.89	Total Depth	–	
Well Diameter	PVC – 2 inch	Volume in Well	–	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	6 QTS	W L at Sample Time	21.91	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1242	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1223	21.89	6.90	13.9	.718	3.85	235.0	12.47
1226	–	7.17	15.1	.723	1.24	222.2	12.76
1229	–	7.19	13.5	.728	0.53	217.0	12.81
1232	–	7.20	13.5	.720	0.43	211.9	13.06
1235	–	7.19	13.5	.721	0.39	206.9	13.13
1238	21.91	7.18	13.4	.727	0.36	202.9	13.40

SAMPLING NOTES:

Sampler Name and Company: Roux Associates LLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/3/26
Sample Name	MW-02	Start Time	1318	
Condition of Well	GOOD			
Water Level	21.71	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	7 QTS	WL at Sample Time	21.83	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1340	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1321	21.71	7.37	14.4	.577	4.11	125.2	12.41
1324	—	8.16	13.8	.546	0.85	108.6	14.02
1327	—	8.37	13.7	.547	0.53	95.7	14.23
1330	—	8.39	13.8	.547	0.43	87.0	13.98
1333	—	8.36	13.7	.553	0.39	80.0	14.08
1336	21.83	8.32	13.7	.556	0.36	72.2	13.40

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KB

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/3/26
Sample Name	MW-03	Start Time	1434	
Condition of Well	GOOD			
Water Level	21.97	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	8 QTS	W L at Sample Time	21.97	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1502	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1437	21.97	7.40	15.1	.699	4.60	167.3	12.05
1440	—	7.37	13.8	.798	1.03	167.0	14.02
1443	—	7.38	13.9	.793	0.81	163.5	13.68
1446	—	7.38	13.7	.784	0.91	152.9	13.51
1449	—	7.38	13.8	.782	0.92	138.1	13.49
1452	—	7.38	13.7	.784	0.94	114.8	13.38
1455	—	7.37	13.8	.782	0.95	92.6	13.31
1458	—	7.38	13.7	.783	0.96	76.2	13.13
1501	21.97	7.38	13.7	.784	0.93	61.7	13.06

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/3/26
Sample Name	MW-04	Start Time	1540	
Condition of Well	GOOD			
Water Level	21.56	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	10 QTS	W L at Sample Time	21.96	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1608	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1543	21.56	7.14	13.7	.828	4.88	156.8	13.68
1546	—	7.11	13.7	.909	1.53	154.6	16.08
1549	—	7.12	13.3	.903	1.35	149.0	14.45
1552	—	7.12	13.4	.891	1.39	141.6	15.12
1555	—	7.12	13.1	.883	1.52	128.5	14.41
1558	—	7.12	13.1	.869	1.61	113.7	13.79
1601	—	7.13	13.4	.848	1.61	100.8	14.17
1604	—	7.14	13.1	.838	1.60	88.6	14.17
1607	21.96	7.15	13.3	.824	1.62	80.1	14.12

SAMPLING NOTES:

CCA PERMIT DUPLICATE

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/5/26
Sample Name	MW-05	Start Time	1352	
Condition of Well	GOOD			
Water Level	22.63	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLOUDY, ORANGE-BROWN	
Volume Removed	6 QTS	W L at Sample Time	22.63	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1415	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1355	22.63	6.80	13.7	1.228	5.04	-18.6	121.34
1358	—	6.89	12.8	1.145	0.82	-84.0	262.81
1401	—	6.86	12.8	1.166	0.50	-94.8	56.69
1404	—	6.82	12.8	1.171	0.41	-96.6	42.24
1407	—	6.79	13.0	1.171	0.39	-96.5	39.31
1410	22.63	6.77	13.0	1.178	0.35	-95.8	39.33

SAMPLING NOTES:

CCR DUPLICATE

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/5/26
Sample Name	MW-06	Start Time	1240	
Condition of Well	GOOD			
Water Level	7.51	Total Depth	–	
Well Diameter	PVC – 2 inch	Volume in Well	–	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 QTS	W L at Sample Time	7.52	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1258	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1242	7.51	7.13	14.5	.786	5.96	1.3	29.00
1245	–	6.89	13.2	.711	1.05	-57.3	28.61
1248	–	6.85	13.7	.695	0.55	-64.4	26.07
1251	–	6.84	13.5	.683	0.41	-69.9	25.44
1254	7.52	6.84	13.8	.670	0.34	-75.3	25.09

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/5/26
Sample Name	MW-07	Start Time	1448	
Condition of Well	GOOD			
Water Level	16.92	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 QTS	W L at Sample Time	16.93	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1506	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1450	16.92	7.24	15.8	1.113	7.78	-11.7	31.72
1453	—	7.06	12.6	1.143	1.02	-101.6	36.14
1456	—	7.04	12.4	1.140	0.58	-115.3	30.49
1459	—	7.01	12.8	1.133	0.44	-119.4	29.67
1502	16.93	6.97	12.5	1.139	0.39	-121.1	28.48

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/4/26
Sample Name	MW-09	Start Time	1424	
Condition of Well	GOOD			
Water Level	10.61	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	SL. CLOUDY, LIGHT BROWN	
Volume Removed	5.5 QTS	W L at Sample Time	10.73	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, PERMIT (NOT REPORTED)	Sample Time	1445	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1426	10.61	7.59	14.6	.873	5.23	93.0	83.34
1429	—	7.25	13.6	.845	0.68	-98.4	28.91
1432	—	7.25	13.5	.845	0.41	-115.6	24.51
1435	—	7.25	13.3	.844	0.36	-120.7	23.81
1438	—	7.25	13.5	.846	0.32	-125.5	22.05
1441	10.73	7.25	13.5	.843	0.30	-128.7	20.65

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	~~8~~ 8/4/26
Sample Name	MW-11	Start Time	1033	
Condition of Well	GOOD			
Water Level	6.04	Total Depth	–	
Well Diameter	PVC – 2 inch	Volume in Well	–	
Method of Purge	Low flow BLADDER	Purge Characteristics	START PURGE – CLOUDY B ROWN W/ INSECT CARCASSES START WQ READINGS – SL. CLOUDY, BROWN	
Volume Removed	8 QTS	W L at Sample Time	6.04	
Method of Sample	Low flow BLADDER	Sample Characteristics	SL. CLOUDY, BROWN	
Sample Analysis	CCR, PERMIT (ELUC)	Sample Time	1113	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1057	6.04	7.01	15.5	.921	1.35	-78.1	32.08
1100	–	6.98	15.0	.909	0.58	-104.4	32.18
1103	–	6.99	14.9	.910	0.37	-114.9	27.99
1106	–	6.99	14.9	.912	0.34	-117.4	30.18
1109	6.04	6.99	14.9	.909	0.29	-120.3	28.47

SAMPLING NOTES:

- TUBING CLOGGED W/ WHAT APPEARS TO BE SEDIMENT + ANT CARCASSES. BLEW AIR THRU TUBING. SEEMS TO HAVE UNCLOGGED BUT WILL LET PURGE FOR ~10 MIN TO CLEAR OUT TUBING PRIOR TO WATER QUALITY + SAMPLING.

Sampler Name and Company: Roux Associates ICLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/4/26
Sample Name	MW-14	Start Time	1208	
Condition of Well	GOOD			
Water Level	5.36	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLOUDY, BROWN TO SL. CLOUDY, BROWN	
Volume Removed	8 QTS	W L at Sample Time	5.42	
Method of Sample	Low flow BLADDER	Sample Characteristics	SL. CLOUDY, BROWN	
Sample Analysis	CCR, PERMIT(ELUC)	Sample Time	1235	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1210	5.36	7.01	15.8	.902	1.10 ~~-90.6~~	-96.6	74.01
1213	–	7.05	15.7	.875	0.46	-125.6	45.69
1216	–	7.06	15.7	.862	0.36	-131.3	69.30
1219	–	7.06	15.4	.850	0.31	-134.6	195.72
* 1222	–	7.18	16.2	.838	1.79	-129.7	101.80
1225	–	7.07	15.6	.838	0.43	-131.5	47.62
1228	–	7.07	15.6	.833	0.30	-135.4	21.88
1231	5.42	7.07	15.7	.829	0.27	-136.9	19.69

SAMPLING NOTES:

* FLUSHED OUT FLOWTHRU CEL – SEDIMENT BEING TRAPPED INSIDE

Sampler Name and Company: Roux Associates KLS

PROJECT NAME	**Waukegan Station GW Monitoring**		DATE	8/4/26
Sample Name	MW-16	Start Time	1326	
Condition of Well	GOOD			
Water Level	26.66	Total Depth	–	
Well Diameter	PVC – 2 inch	Volume in Well	–	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 QTS	W L at Sample Time	26.66	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR	Sample Time	1346	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1327	26.66	7.12	16.7	1.389	4.19	113.0	26.68
1330	–	6.87	14.9	1.334	0.89	78.7	22.76
1333	–	6.89	14.8	1.280	0.43	47.0	19.20
1336	–	6.90	14.8	1.268	0.38	38.8	19.08
1339	–	6.91	14.9	1.257	0.33	33.1	19.43
1342	26.66	6.91	14.9	1.248	0.31	30.3	18.72

SAMPLING NOTES:

Sampler Name and Company: Roux Associates KLS