

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 2nd quarter 2026 which includes the entire list of parameters specified under Section 845.600(a)(1) and (b). Table 1 is a summary table of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring.

No background statistics or proposed Groundwater Protection Standards are included on these tables. The background statistics and Proposed Groundwater Protection Standards were submitted to Illinois Environmental Protection Agency (EPA) as part of the Application for Initial Operating Permit submitted 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	0.23	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	0.052	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
	5/1/2018	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	< 0.521	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	0.888	2.58	< 0.0025	< 0.0020	195.02
	12/21/2022 R	NS	NS	NS	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	24	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	0.070	< 0.0020	147.43
	5/21/2024	2.3	120	180	0.37	7.12	130	860	< 0.0030	0.0027	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	^< 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			

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	< 0.010	< 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	49	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	54	65	0.31	10.46	180	560	< 0.0030	0.123	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.076	< 0.460	< 0.0025	< 0.0020	NA
	2/1/2017	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	50	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	^+< 0.0010	< 0.00020	0.026	< 0.553	< 0.0025	< 0.0020	3.05
	2/8/2022	3.1	62	42	0.27	8.67	230	420	< 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	0.022	0.027	^+< 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	140	340	< 0.0030	0.022	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.020	< 0.474	< 0.0025	< 0.0020	3.15
	11/7/2023	1.6	54	41	0.27	8.40	540	390	< 0.0030	0.023	0.033	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.002	< 0.0010	0.018	< 0.540	< 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	4.01
	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	4.32
	8/4/2025	1.8	45	FI	0.42	1.8	45	120	< 0.0010	0.015	0.027	< 0.00050	< 0.0050	< 0.0050	< 0.0010	< 0.00050	< 0.0010	< 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	FI	0.6	7.48	220	610	< 0.0010	0.072	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
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	34	1.1	8.31	240	410	< 0.0030	0.0081	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	NA	< 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
	2/1/2017	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

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	< 0.0010	< 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	^< 0.0010	< 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	3.1	180	64	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	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
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	< 0.002		

ANALYTICAL REPORT

PREPARED FOR

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Brookfield, Wisconsin 53005

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JOB DESCRIPTION

Waukegan CCR

JOB NUMBER

500-286222-1

Eurofins Chicago

Job Notes

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Case Narrative

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

Job ID: 500-286222-1

Job ID: 500-286222-1

Eurofins Chicago

Job Narrative 500-286222-1

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 5/12/2026 8:50 AM, 5/13/2026 9:45 AM and 5/14/2026 9:00 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 -1.7°C, 2.9°C and 3.3°C.

Metals

Method 6020B - Total Recoverable: The method blank for preparation batch 500-867259 contained Antimony above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-02 (500-286222-2), MW-03 (500-286222-3), MW-04 (500-286222-4), MW-09 (500-286222-5), MW-11 (500-286222-6), MW-14 (500-286222-7), MW-16 (500-286222-8), MW-07 (500-286222-9), Duplicate (500-286222-10) and MW-05 (500-286222-11). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-01 (500-286222-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM 4500 Cl- E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-866954 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-867451 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Field Service / Mobile Lab

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

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Method Summary

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

Job ID: 500-286222-1

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: 500-286222-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-286222-1	MW-01	Water	05/11/26 11:16	05/12/26 08:50	Illinois
500-286222-2	MW-02	Water	05/11/26 12:09	05/12/26 08:50	Illinois
500-286222-3	MW-03	Water	05/11/26 14:00	05/12/26 08:50	Illinois
500-286222-4	MW-04	Water	05/11/26 14:55	05/12/26 08:50	Illinois
500-286222-5	MW-09	Water	05/12/26 13:10	05/13/26 09:45	Illinois
500-286222-6	MW-11	Water	05/12/26 10:20	05/13/26 09:45	Illinois
500-286222-7	MW-14	Water	05/12/26 11:34	05/13/26 09:45	Illinois
500-286222-8	MW-16	Water	05/11/26 15:47	05/13/26 09:45	Illinois
500-286222-9	MW-07	Water	05/13/26 14:01	05/14/26 09:00	Illinois
500-286222-10	Duplicate	Water	05/13/26 00:00	05/14/26 09:00	Illinois
500-286222-11	MW-05	Water	05/13/26 12:07	05/14/26 09:00	Illinois
500-286222-12	MW-06	Water	05/13/26 15:03	05/14/26 09:00	Illinois

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-01

Lab Sample ID: 500-286222-1

Date Collected: 05/11/26 11:16

Matrix: Water

Date Received: 05/12/26 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:15	1
Arsenic	7.2		1.0		ug/L		05/19/26 13:07	05/22/26 16:15	1
Barium	60		2.5		ug/L		05/19/26 13:07	05/22/26 16:15	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:15	1
Boron	3200		250		ug/L		05/19/26 13:07	05/27/26 13:06	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:15	1
Calcium	84		0.20		mg/L		05/19/26 13:07	05/22/26 16:15	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:15	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:15	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:15	1
Lithium	<10		10		ug/L		05/19/26 13:07	05/22/26 16:15	1
Molybdenum	40		5.0		ug/L		05/19/26 13:07	05/22/26 16:15	1
Selenium	9.0		2.5		ug/L		05/19/26 13:07	05/22/26 16:15	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	610		10		mg/L			05/13/26 06:44	1
Chloride (SM 4500 Cl- E)	86	F1	2.0		mg/L			05/17/26 10:36	1
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			05/19/26 07:28	1
Sulfate (SM 4500 SO4 E)	220		100		mg/L			05/20/26 11:04	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.48				SU			05/11/26 11:16	1
Field Temperature	53.8				Degrees F			05/11/26 11:16	1
Groundwater Elevation	582.62				ft			05/11/26 11:16	1
Oxidation Reduction Potential	196.0				millivolts			05/11/26 11:16	1
Oxygen, Dissolved	0.59				mg/L			05/11/26 11:16	1
Specific Conductance	0.683				mS/cm			05/11/26 11:16	1
Turbidity	4.04				NTU			05/11/26 11:16	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-02

Lab Sample ID: 500-286222-2

Date Collected: 05/11/26 12:09

Matrix: Water

Date Received: 05/12/26 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:26	1
Arsenic	4.9		1.0		ug/L		05/19/26 13:07	05/22/26 16:26	1
Barium	19		2.5		ug/L		05/19/26 13:07	05/22/26 16:26	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:26	1
Boron	2600		250		ug/L		05/19/26 13:07	05/26/26 15:42	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:26	1
Calcium	57		0.20		mg/L		05/19/26 13:07	05/22/26 16:26	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:26	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:26	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:26	1
Lithium	<10		10		ug/L		05/19/26 13:07	05/22/26 16:26	1
Molybdenum	40		5.0		ug/L		05/19/26 13:07	05/22/26 16:26	1
Selenium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 16:26	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			05/13/26 06:46	1
Chloride (SM 4500 Cl- E)	70		2.0		mg/L			05/17/26 10:39	1
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			05/19/26 07:31	1
Sulfate (SM 4500 SO4 E)	260		100		mg/L			05/20/26 11:04	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.04				SU			05/11/26 12:09	1
Field Temperature	53.2				Degrees F			05/11/26 12:09	1
Groundwater Elevation	582.65				ft			05/11/26 12:09	1
Oxidation Reduction Potential	162.9				millivolts			05/11/26 12:09	1
Oxygen, Dissolved	0.40				mg/L			05/11/26 12:09	1
Specific Conductance	0.614				mS/cm			05/11/26 12:09	1
Turbidity	5.11				NTU			05/11/26 12:09	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-03

Lab Sample ID: 500-286222-3

Date Collected: 05/11/26 14:00

Matrix: Water

Date Received: 05/12/26 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:29	1
Arsenic	6.9		1.0		ug/L		05/19/26 13:07	05/22/26 16:29	1
Barium	18		2.5		ug/L		05/19/26 13:07	05/22/26 16:29	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:29	1
Boron	3500		250		ug/L		05/19/26 13:07	05/26/26 15:44	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:29	1
Calcium	58		0.20		mg/L		05/19/26 13:07	05/22/26 16:29	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:29	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:29	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:29	1
Lithium	<10		10		ug/L		05/19/26 13:07	05/22/26 16:29	1
Molybdenum	63		5.0		ug/L		05/19/26 13:07	05/22/26 16:29	1
Selenium	8.8		2.5		ug/L		05/19/26 13:07	05/22/26 16:29	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			05/13/26 06:49	1
Chloride (SM 4500 Cl- E)	64		2.0		mg/L			05/17/26 10:40	1
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			05/19/26 07:35	1
Sulfate (SM 4500 SO4 E)	230		100		mg/L			05/20/26 11:05	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.97				SU			05/11/26 14:00	1
Field Temperature	53.8				Degrees F			05/11/26 14:00	1
Groundwater Elevation	582.74				ft			05/11/26 14:00	1
Oxidation Reduction Potential	86.6				millivolts			05/11/26 14:00	1
Oxygen, Dissolved	0.36				mg/L			05/11/26 14:00	1
Specific Conductance	0.610				mS/cm			05/11/26 14:00	1
Turbidity	4.33				NTU			05/11/26 14:00	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-04

Lab Sample ID: 500-286222-4

Date Collected: 05/11/26 14:55

Matrix: Water

Date Received: 05/12/26 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:31	1
Arsenic	5.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:31	1
Barium	19		2.5		ug/L		05/19/26 13:07	05/22/26 16:31	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:31	1
Boron	2900		250		ug/L		05/19/26 13:07	05/26/26 15:47	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:31	1
Calcium	56		0.20		mg/L		05/19/26 13:07	05/22/26 16:31	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:31	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:31	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:31	1
Lithium	<10		10		ug/L		05/19/26 13:07	05/22/26 16:31	1
Molybdenum	95		5.0		ug/L		05/19/26 13:07	05/22/26 16:31	1
Selenium	25		2.5		ug/L		05/19/26 13:07	05/22/26 16:31	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	540		10		mg/L			05/13/26 06:51	1
Chloride (SM 4500 Cl- E)	47		2.0		mg/L			05/17/26 10:40	1
Fluoride (SM 4500 F C)	0.69		0.10		mg/L			05/19/26 07:38	1
Sulfate (SM 4500 SO4 E)	190		100		mg/L			05/20/26 11:05	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.42				SU			05/11/26 14:55	1
Field Temperature	52.9				Degrees F			05/11/26 14:55	1
Groundwater Elevation	582.70				ft			05/11/26 14:55	1
Oxidation Reduction Potential	156.6				millivolts			05/11/26 14:55	1
Oxygen, Dissolved	0.87				mg/L			05/11/26 14:55	1
Specific Conductance	0.640				mS/cm			05/11/26 14:55	1
Turbidity	4.56				NTU			05/11/26 14:55	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-09

Lab Sample ID: 500-286222-5

Date Collected: 05/12/26 13:10

Matrix: Water

Date Received: 05/13/26 09:45

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		05/19/26 13:07	05/22/26 16:34	1
Arsenic	7.2		1.0		ug/L		05/19/26 13:07	05/22/26 16:34	1
Barium	54		2.5		ug/L		05/19/26 13:07	05/22/26 16:34	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:34	1
Boron	3000		250		ug/L		05/19/26 13:07	05/26/26 15:49	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:34	1
Calcium	120		0.20		mg/L		05/19/26 13:07	05/22/26 16:34	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:34	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:34	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:34	1
Lithium	47		10		ug/L		05/19/26 13:07	05/22/26 16:34	1
Molybdenum	84		5.0		ug/L		05/19/26 13:07	05/22/26 16:34	1
Selenium	2.7		2.5		ug/L		05/19/26 13:07	05/22/26 16:34	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			05/14/26 03:10	1
Chloride (SM 4500 Cl- E)	140		20		mg/L			05/17/26 11:14	10
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			05/19/26 07:41	1
Sulfate (SM 4500 SO4 E)	130		100		mg/L			05/20/26 11:06	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			05/12/26 13:10	1
Field Temperature	52.5				Degrees F			05/12/26 13:10	1
Groundwater Elevation	583.57				ft			05/12/26 13:10	1
Oxidation Reduction Potential	-43.6				millivolts			05/12/26 13:10	1
Oxygen, Dissolved	0.34				mg/L			05/12/26 13:10	1
Specific Conductance	0.868				mS/cm			05/12/26 13:10	1
Turbidity	14.94				NTU			05/12/26 13:10	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-11

Lab Sample ID: 500-286222-6

Date Collected: 05/12/26 10:20

Matrix: Water

Date Received: 05/13/26 09:45

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		05/19/26 13:07	05/22/26 16:37	1
Arsenic	260		1.0		ug/L		05/19/26 13:07	05/22/26 16:37	1
Barium	47		2.5		ug/L		05/19/26 13:07	05/22/26 16:37	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:37	1
Boron	780		50		ug/L		05/19/26 13:07	05/26/26 15:52	1
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:37	1
Calcium	130		0.20		mg/L		05/19/26 13:07	05/22/26 16:37	1
Chromium	5.2		5.0		ug/L		05/19/26 13:07	05/22/26 16:37	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:37	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:37	1
Lithium	27		10		ug/L		05/19/26 13:07	05/22/26 16:37	1
Molybdenum	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:37	1
Selenium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 16:37	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	560		10		mg/L			05/14/26 03:13	1
Chloride (SM 4500 Cl- E)	65		2.0		mg/L			05/17/26 10:41	1
Fluoride (SM 4500 F C)	0.17		0.10		mg/L			05/19/26 07:45	1
Sulfate (SM 4500 SO4 E)	35		5.0		mg/L			05/20/26 10:23	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.00				SU			05/12/26 10:20	1
Field Temperature	52.2				Degrees F			05/12/26 10:20	1
Groundwater Elevation	584.12				ft			05/12/26 10:20	1
Oxidation Reduction Potential	-115.4				millivolts			05/12/26 10:20	1
Oxygen, Dissolved	0.28				mg/L			05/12/26 10:20	1
Specific Conductance	0.879				mS/cm			05/12/26 10:20	1
Turbidity	11.3				NTU			05/12/26 10:20	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-14

Lab Sample ID: 500-286222-7

Date Collected: 05/12/26 11:34

Matrix: Water

Date Received: 05/13/26 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.0		1.0		ug/L		05/19/26 13:07	05/24/26 20:24	1
Arsenic	2100		1.0		ug/L		05/19/26 13:07	05/22/26 16:41	1
Barium	60		2.5		ug/L		05/19/26 13:07	05/22/26 16:41	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:41	1
Boron	470		50		ug/L		05/19/26 13:07	05/26/26 15:54	1
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:41	1
Calcium	130		0.20		mg/L		05/19/26 13:07	05/22/26 16:41	1
Chromium	1000		5.0		ug/L		05/19/26 13:07	05/22/26 16:41	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:41	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:41	1
Lithium	16		10		ug/L		05/19/26 13:07	05/22/26 16:41	1
Molybdenum	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:41	1
Selenium	3.2		2.5		ug/L		05/19/26 13:07	05/22/26 16:41	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2100		10		mg/L			05/14/26 03:15	1
Chloride (SM 4500 Cl- E)	32		2.0		mg/L			05/17/26 10:42	1
Fluoride (SM 4500 F C)	0.16		0.10		mg/L			05/19/26 07:48	1
Sulfate (SM 4500 SO4 E)	16		5.0		mg/L			05/20/26 10:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			05/12/26 11:34	1
Field Temperature	50.0				Degrees F			05/12/26 11:34	1
Groundwater Elevation	585.08				ft			05/12/26 11:34	1
Oxidation Reduction Potential	-68.0				millivolts			05/12/26 11:34	1
Oxygen, Dissolved	0.57				mg/L			05/12/26 11:34	1
Specific Conductance	0.617				mS/cm			05/12/26 11:34	1
Turbidity	115.34				NTU			05/12/26 11:34	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-16

Lab Sample ID: 500-286222-8

Date Collected: 05/11/26 15:47

Matrix: Water

Date Received: 05/13/26 09:45

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		05/19/26 13:07	05/22/26 16:44	1
Arsenic	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:44	1
Barium	40		2.5		ug/L		05/19/26 13:07	05/22/26 16:44	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 16:44	1
Boron	6900		500		ug/L		05/19/26 13:07	05/26/26 15:57	10
Cadmium	2.0		0.50		ug/L		05/19/26 13:07	05/22/26 16:44	1
Calcium	370		2.0		mg/L		05/19/26 13:07	05/26/26 15:57	10
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 16:44	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 16:44	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 16:44	1
Lithium	150		10		ug/L		05/19/26 13:07	05/22/26 16:44	1
Molybdenum	19		5.0		ug/L		05/19/26 13:07	05/22/26 16:44	1
Selenium	88		2.5		ug/L		05/19/26 13:07	05/22/26 16:44	1
Thallium	1.6		0.40		ug/L		05/19/26 13:07	05/22/26 16:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2200		10		mg/L			05/14/26 03:18	1
Chloride (SM 4500 Cl- E)	120		20		mg/L			05/17/26 11:15	10
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			05/19/26 07:52	1
Sulfate (SM 4500 SO4 E)	1400	F1	200		mg/L			05/20/26 11:50	40

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.63				SU			05/11/26 15:47	1
Field Temperature	55.9				Degrees F			05/11/26 15:47	1
Groundwater Elevation	582.65				ft			05/11/26 15:47	1
Oxidation Reduction Potential	188.4				millivolts			05/11/26 15:47	1
Oxygen, Dissolved	3.36				mg/L			05/11/26 15:47	1
Specific Conductance	1.769				mS/cm			05/11/26 15:47	1
Turbidity	16.97				NTU			05/11/26 15:47	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-07

Lab Sample ID: 500-286222-9

Date Collected: 05/13/26 14:01

Matrix: Water

Date Received: 05/14/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:01	1
Arsenic	5.9		1.0		ug/L		05/19/26 13:07	05/22/26 17:01	1
Barium	49		2.5		ug/L		05/19/26 13:07	05/22/26 17:01	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:01	1
Boron	25000		1000		ug/L		05/19/26 13:07	05/26/26 15:59	20
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:01	1
Calcium	330		4.0		mg/L		05/19/26 13:07	05/26/26 15:59	20
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 17:01	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:01	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:01	1
Lithium	140		10		ug/L		05/19/26 13:07	05/22/26 17:01	1
Molybdenum	160		5.0		ug/L		05/19/26 13:07	05/22/26 17:01	1
Selenium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 17:01	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 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		05/21/26 11:25	05/22/26 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			05/15/26 04:01	1
Chloride (SM 4500 Cl- E)	43		2.0		mg/L			05/17/26 10:44	1
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			05/19/26 07:55	1
Sulfate (SM 4500 SO4 E)	620		100		mg/L			05/20/26 11:11	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			05/13/26 14:01	1
Field Temperature	52.7				Degrees F			05/13/26 14:01	1
Groundwater Elevation	582.55				ft			05/13/26 14:01	1
Oxidation Reduction Potential	-125.4				millivolts			05/13/26 14:01	1
Oxygen, Dissolved	0.39				mg/L			05/13/26 14:01	1
Specific Conductance	1.148				mS/cm			05/13/26 14:01	1
Turbidity	15.01				NTU			05/13/26 14:01	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: Duplicate

Lab Sample ID: 500-286222-10

Date Collected: 05/13/26 00:00

Matrix: Water

Date Received: 05/14/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:12	1
Arsenic	3.4		1.0		ug/L		05/19/26 13:07	05/22/26 17:12	1
Barium	31		2.5		ug/L		05/19/26 13:07	05/22/26 17:12	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:12	1
Boron	3900		250		ug/L		05/19/26 13:07	05/26/26 16:02	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:12	1
Calcium	560		1.0		mg/L		05/19/26 13:07	05/26/26 16:02	5
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 17:12	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:12	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:12	1
Lithium	99		10		ug/L		05/19/26 13:07	05/22/26 17:12	1
Molybdenum	27		5.0		ug/L		05/19/26 13:07	05/22/26 17:12	1
Selenium	12		2.5		ug/L		05/19/26 13:07	05/22/26 17:12	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2000		10		mg/L			05/15/26 04:04	1
Chloride (SM 4500 Cl- E)	19		2.0		mg/L			05/17/26 10:44	1
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			05/19/26 08:07	1
Sulfate (SM 4500 SO4 E)	1100		200		mg/L			05/20/26 11:52	40

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-05

Lab Sample ID: 500-286222-11

Date Collected: 05/13/26 12:07

Matrix: Water

Date Received: 05/14/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:15	1
Arsenic	3.1		1.0		ug/L		05/19/26 13:07	05/22/26 17:15	1
Barium	31		2.5		ug/L		05/19/26 13:07	05/22/26 17:15	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:15	1
Boron	3700		250		ug/L		05/19/26 13:07	05/26/26 16:04	5
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:15	1
Calcium	550		1.0		mg/L		05/19/26 13:07	05/26/26 16:04	5
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 17:15	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:15	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:15	1
Lithium	100		10		ug/L		05/19/26 13:07	05/22/26 17:15	1
Molybdenum	27		5.0		ug/L		05/19/26 13:07	05/22/26 17:15	1
Selenium	13		2.5		ug/L		05/19/26 13:07	05/22/26 17:15	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2000		10		mg/L			05/15/26 04:06	1
Chloride (SM 4500 Cl- E)	19		2.0		mg/L			05/17/26 10:45	1
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			05/19/26 08:12	1
Sulfate (SM 4500 SO4 E)	1100		200		mg/L			05/20/26 11:53	40

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.54				SU			05/13/26 12:07	1
Field Temperature	54.0				Degrees F			05/13/26 12:07	1
Groundwater Elevation	583.22				ft			05/13/26 12:07	1
Oxidation Reduction Potential	73.9				millivolts			05/13/26 12:07	1
Oxygen, Dissolved	0.66				mg/L			05/13/26 12:07	1
Specific Conductance	1.637				mS/cm			05/13/26 12:07	1
Turbidity	13.25				NTU			05/13/26 12:07	1

Client Sample Results

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

Job ID: 500-286222-1

Client Sample ID: MW-06

Lab Sample ID: 500-286222-12

Date Collected: 05/13/26 15:03

Matrix: Water

Date Received: 05/14/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:26	1
Arsenic	1.5		1.0		ug/L		05/19/26 13:07	05/22/26 17:26	1
Barium	99		2.5		ug/L		05/19/26 13:07	05/22/26 17:26	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 17:26	1
Boron	1100		50		ug/L		05/19/26 13:07	05/27/26 13:09	1
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 17:26	1
Calcium	110		0.20		mg/L		05/19/26 13:07	05/22/26 17:26	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 17:26	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 17:26	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/24/26 20:55	1
Lithium	48		10		ug/L		05/19/26 13:07	05/22/26 17:26	1
Molybdenum	11		5.0		ug/L		05/19/26 13:07	05/22/26 17:26	1
Selenium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 17:26	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 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		05/21/26 11:25	05/22/26 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	610		10		mg/L			05/15/26 04:09	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			05/17/26 10:45	1
Fluoride (SM 4500 F C)	0.20		0.10		mg/L			05/19/26 08:16	1
Sulfate (SM 4500 SO4 E)	<100		100		mg/L			05/20/26 11:12	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			05/13/26 15:03	1
Field Temperature	47.7				Degrees F			05/13/26 15:03	1
Groundwater Elevation	582.67				ft			05/13/26 15:03	1
Oxidation Reduction Potential	-82.9				millivolts			05/13/26 15:03	1
Oxygen, Dissolved	0.37				mg/L			05/13/26 15:03	1
Specific Conductance	0.628				mS/cm			05/13/26 15:03	1
Turbidity	19.82				NTU			05/13/26 15:03	1

Definitions/Glossary

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

Job ID: 500-286222-1

Qualifiers

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.
F1	MS and/or MSD recovery exceeds control limits.

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

Job ID: 500-286222-1

Metals

Prep Batch: 867259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total Recoverable	Water	3005A	
500-286222-2	MW-02	Total Recoverable	Water	3005A	
500-286222-3	MW-03	Total Recoverable	Water	3005A	
500-286222-4	MW-04	Total Recoverable	Water	3005A	
500-286222-5	MW-09	Total Recoverable	Water	3005A	
500-286222-6	MW-11	Total Recoverable	Water	3005A	
500-286222-7	MW-14	Total Recoverable	Water	3005A	
500-286222-8	MW-16	Total Recoverable	Water	3005A	
500-286222-9	MW-07	Total Recoverable	Water	3005A	
500-286222-10	Duplicate	Total Recoverable	Water	3005A	
500-286222-11	MW-05	Total Recoverable	Water	3005A	
500-286222-12	MW-06	Total Recoverable	Water	3005A	
MB 500-867259/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-867259/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 867643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	7470A	
500-286222-2	MW-02	Total/NA	Water	7470A	
500-286222-3	MW-03	Total/NA	Water	7470A	
500-286222-4	MW-04	Total/NA	Water	7470A	
500-286222-5	MW-09	Total/NA	Water	7470A	
500-286222-6	MW-11	Total/NA	Water	7470A	
500-286222-7	MW-14	Total/NA	Water	7470A	
500-286222-8	MW-16	Total/NA	Water	7470A	
500-286222-9	MW-07	Total/NA	Water	7470A	
500-286222-10	Duplicate	Total/NA	Water	7470A	
500-286222-11	MW-05	Total/NA	Water	7470A	
500-286222-12	MW-06	Total/NA	Water	7470A	
MB 500-867643/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-867643/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-286222-7 MS	MW-14	Total/NA	Water	7470A	
500-286222-7 MSD	MW-14	Total/NA	Water	7470A	
500-286222-7 DU	MW-14	Total/NA	Water	7470A	

Analysis Batch: 867870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	7470A	867643
500-286222-2	MW-02	Total/NA	Water	7470A	867643
500-286222-3	MW-03	Total/NA	Water	7470A	867643
500-286222-4	MW-04	Total/NA	Water	7470A	867643
500-286222-5	MW-09	Total/NA	Water	7470A	867643
500-286222-6	MW-11	Total/NA	Water	7470A	867643
500-286222-7	MW-14	Total/NA	Water	7470A	867643
500-286222-8	MW-16	Total/NA	Water	7470A	867643
500-286222-9	MW-07	Total/NA	Water	7470A	867643
500-286222-10	Duplicate	Total/NA	Water	7470A	867643
500-286222-11	MW-05	Total/NA	Water	7470A	867643
500-286222-12	MW-06	Total/NA	Water	7470A	867643
MB 500-867643/12-A	Method Blank	Total/NA	Water	7470A	867643
LCS 500-867643/13-A	Lab Control Sample	Total/NA	Water	7470A	867643

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QC Association Summary

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

Job ID: 500-286222-1

Metals (Continued)

Analysis Batch: 867870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-7 MS	MW-14	Total/NA	Water	7470A	867643
500-286222-7 MSD	MW-14	Total/NA	Water	7470A	867643
500-286222-7 DU	MW-14	Total/NA	Water	7470A	867643

Analysis Batch: 867908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total Recoverable	Water	6020B	867259
500-286222-2	MW-02	Total Recoverable	Water	6020B	867259
500-286222-3	MW-03	Total Recoverable	Water	6020B	867259
500-286222-4	MW-04	Total Recoverable	Water	6020B	867259
500-286222-5	MW-09	Total Recoverable	Water	6020B	867259
500-286222-6	MW-11	Total Recoverable	Water	6020B	867259
500-286222-7	MW-14	Total Recoverable	Water	6020B	867259
500-286222-8	MW-16	Total Recoverable	Water	6020B	867259
500-286222-9	MW-07	Total Recoverable	Water	6020B	867259
500-286222-10	Duplicate	Total Recoverable	Water	6020B	867259
500-286222-11	MW-05	Total Recoverable	Water	6020B	867259
500-286222-12	MW-06	Total Recoverable	Water	6020B	867259
MB 500-867259/1-A	Method Blank	Total Recoverable	Water	6020B	867259
LCS 500-867259/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867259

Analysis Batch: 867993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-7	MW-14	Total Recoverable	Water	6020B	867259
500-286222-12	MW-06	Total Recoverable	Water	6020B	867259
MB 500-867259/1-A	Method Blank	Total Recoverable	Water	6020B	867259
LCS 500-867259/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867259

Analysis Batch: 868198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-2	MW-02	Total Recoverable	Water	6020B	867259
500-286222-3	MW-03	Total Recoverable	Water	6020B	867259
500-286222-4	MW-04	Total Recoverable	Water	6020B	867259
500-286222-5	MW-09	Total Recoverable	Water	6020B	867259
500-286222-6	MW-11	Total Recoverable	Water	6020B	867259
500-286222-7	MW-14	Total Recoverable	Water	6020B	867259
500-286222-8	MW-16	Total Recoverable	Water	6020B	867259
500-286222-9	MW-07	Total Recoverable	Water	6020B	867259
500-286222-10	Duplicate	Total Recoverable	Water	6020B	867259
500-286222-11	MW-05	Total Recoverable	Water	6020B	867259

Analysis Batch: 868269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total Recoverable	Water	6020B	867259
500-286222-12	MW-06	Total Recoverable	Water	6020B	867259

General Chemistry

Analysis Batch: 866178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-286222-1

General Chemistry (Continued)

Analysis Batch: 866178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-2	MW-02	Total/NA	Water	SM 2540C	
500-286222-3	MW-03	Total/NA	Water	SM 2540C	
500-286222-4	MW-04	Total/NA	Water	SM 2540C	
MB 500-866178/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-866178/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 866373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-5	MW-09	Total/NA	Water	SM 2540C	
500-286222-6	MW-11	Total/NA	Water	SM 2540C	
500-286222-7	MW-14	Total/NA	Water	SM 2540C	
500-286222-8	MW-16	Total/NA	Water	SM 2540C	
MB 500-866373/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-866373/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 866720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-9	MW-07	Total/NA	Water	SM 2540C	
500-286222-10	Duplicate	Total/NA	Water	SM 2540C	
500-286222-11	MW-05	Total/NA	Water	SM 2540C	
500-286222-12	MW-06	Total/NA	Water	SM 2540C	
MB 500-866720/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-866720/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 866954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-286222-2	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-286222-3	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-286222-4	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-286222-5	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-286222-6	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-286222-7	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-286222-8	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-286222-9	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-286222-10	Duplicate	Total/NA	Water	SM 4500 Cl- E	
500-286222-11	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-286222-12	MW-06	Total/NA	Water	SM 4500 Cl- E	
MB 500-866954/12	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-866954/42	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-866954/13	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-866954/43	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-286222-1 MS	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-286222-1 MSD	MW-01	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 867337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	SM 4500 F C	
500-286222-2	MW-02	Total/NA	Water	SM 4500 F C	
500-286222-3	MW-03	Total/NA	Water	SM 4500 F C	
500-286222-4	MW-04	Total/NA	Water	SM 4500 F C	

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QC Association Summary

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

Job ID: 500-286222-1

General Chemistry (Continued)

Analysis Batch: 867337 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-5	MW-09	Total/NA	Water	SM 4500 F C	
500-286222-6	MW-11	Total/NA	Water	SM 4500 F C	
500-286222-7	MW-14	Total/NA	Water	SM 4500 F C	
500-286222-8	MW-16	Total/NA	Water	SM 4500 F C	
500-286222-9	MW-07	Total/NA	Water	SM 4500 F C	
500-286222-10	Duplicate	Total/NA	Water	SM 4500 F C	
500-286222-11	MW-05	Total/NA	Water	SM 4500 F C	
500-286222-12	MW-06	Total/NA	Water	SM 4500 F C	
MB 500-867337/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-867337/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 867451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-286222-2	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-286222-3	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-286222-4	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-286222-5	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-286222-6	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-286222-7	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-286222-8	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-286222-9	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-286222-10	Duplicate	Total/NA	Water	SM 4500 SO4 E	
500-286222-11	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-286222-12	MW-06	Total/NA	Water	SM 4500 SO4 E	
MB 500-867451/11	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-867451/41	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-867451/12	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-867451/42	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-286222-8 MS	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-286222-8 MSD	MW-16	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 866581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	Field Sampling	
500-286222-2	MW-02	Total/NA	Water	Field Sampling	
500-286222-3	MW-03	Total/NA	Water	Field Sampling	
500-286222-4	MW-04	Total/NA	Water	Field Sampling	
500-286222-5	MW-09	Total/NA	Water	Field Sampling	
500-286222-6	MW-11	Total/NA	Water	Field Sampling	
500-286222-7	MW-14	Total/NA	Water	Field Sampling	
500-286222-8	MW-16	Total/NA	Water	Field Sampling	
500-286222-9	MW-07	Total/NA	Water	Field Sampling	
500-286222-11	MW-05	Total/NA	Water	Field Sampling	
500-286222-12	MW-06	Total/NA	Water	Field Sampling	

QC Sample Results

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

Job ID: 500-286222-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-867259/1-A

Matrix: Water

Analysis Batch: 867908

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 867259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 14:06	1
Barium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 14:06	1
Beryllium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 14:06	1
Boron	<50		50		ug/L		05/19/26 13:07	05/22/26 14:06	1
Cadmium	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 14:06	1
Calcium	<0.20		0.20		mg/L		05/19/26 13:07	05/22/26 14:06	1
Chromium	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 14:06	1
Cobalt	<1.0		1.0		ug/L		05/19/26 13:07	05/22/26 14:06	1
Lead	<0.50		0.50		ug/L		05/19/26 13:07	05/22/26 14:06	1
Lithium	<10		10		ug/L		05/19/26 13:07	05/22/26 14:06	1
Molybdenum	<5.0		5.0		ug/L		05/19/26 13:07	05/22/26 14:06	1
Selenium	<2.5		2.5		ug/L		05/19/26 13:07	05/22/26 14:06	1
Thallium	<0.40		0.40		ug/L		05/19/26 13:07	05/22/26 14:06	1

Lab Sample ID: MB 500-867259/1-A

Matrix: Water

Analysis Batch: 867993

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 867259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0		ug/L		05/19/26 13:07	05/24/26 17:41	1

Lab Sample ID: LCS 500-867259/2-A

Matrix: Water

Analysis Batch: 867908

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 867259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	93.7		ug/L		94	80 - 120
Barium	500	480		ug/L		96	80 - 120
Beryllium	50.0	47.9		ug/L		96	80 - 120
Boron	1000	997		ug/L		100	80 - 120
Cadmium	50.0	49.2		ug/L		98	80 - 120
Calcium	10.0	8.63		mg/L		86	80 - 120
Chromium	200	191		ug/L		95	80 - 120
Cobalt	500	502		ug/L		100	80 - 120
Lead	100	94.7		ug/L		95	80 - 120
Lithium	100	98.6		ug/L		99	80 - 120
Molybdenum	1000	1110		ug/L		111	80 - 120
Selenium	100	93.3		ug/L		93	80 - 120
Thallium	100	95.5		ug/L		96	80 - 120

Lab Sample ID: LCS 500-867259/2-A

Matrix: Water

Analysis Batch: 867993

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 867259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	528		ug/L		106	80 - 120

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QC Sample Results

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

Job ID: 500-286222-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-867643/12-A
Matrix: Water
Analysis Batch: 867870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 867643

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/21/26 11:25	05/22/26 11:24	1

Lab Sample ID: LCS 500-867643/13-A
Matrix: Water
Analysis Batch: 867870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 867643

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.00		ug/L		100	80 - 120

Lab Sample ID: 500-286222-7 MS
Matrix: Water
Analysis Batch: 867870

Client Sample ID: MW-14
Prep Type: Total/NA
Prep Batch: 867643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.20		1.00	0.960		ug/L		96	75 - 125

Lab Sample ID: 500-286222-7 MSD
Matrix: Water
Analysis Batch: 867870

Client Sample ID: MW-14
Prep Type: Total/NA
Prep Batch: 867643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	1.01		ug/L		101	75 - 125	5	20

Lab Sample ID: 500-286222-7 DU
Matrix: Water
Analysis Batch: 867870

Client Sample ID: MW-14
Prep Type: Total/NA
Prep Batch: 867643

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 500-866178/1
Matrix: Water
Analysis Batch: 866178

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/13/26 05:55	1

Lab Sample ID: LCS 500-866178/2
Matrix: Water
Analysis Batch: 866178

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	236		mg/L		94	80 - 120

QC Sample Results

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

Job ID: 500-286222-1

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

Lab Sample ID: MB 500-866373/1
Matrix: Water
Analysis Batch: 866373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/14/26 02:19	1

Lab Sample ID: LCS 500-866373/2
Matrix: Water
Analysis Batch: 866373

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	262		mg/L		105	80 - 120

Lab Sample ID: MB 500-866720/1
Matrix: Water
Analysis Batch: 866720

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/15/26 03:10	1

Lab Sample ID: LCS 500-866720/2
Matrix: Water
Analysis Batch: 866720

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	238		mg/L		95	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-866954/12
Matrix: Water
Analysis Batch: 866954

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/17/26 10:22	1

Lab Sample ID: MB 500-866954/42
Matrix: Water
Analysis Batch: 866954

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/17/26 10:38	1

Lab Sample ID: LCS 500-866954/13
Matrix: Water
Analysis Batch: 866954

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	53.8		mg/L		108	85 - 115

QC Sample Results

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

Job ID: 500-286222-1

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

Lab Sample ID: LCS 500-866954/43

Matrix: Water

Analysis Batch: 866954

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	52.8		mg/L		106	85 - 115		

Lab Sample ID: 500-286222-1 MS

Matrix: Water

Analysis Batch: 866954

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	86	F1	50.0	121	F1	mg/L		71	75 - 125		

Lab Sample ID: 500-286222-1 MSD

Matrix: Water

Analysis Batch: 866954

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	86	F1	50.0	115	F1	mg/L		58	75 - 125	6	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-867337/3

Matrix: Water

Analysis Batch: 867337

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/19/26 06:43	1

Lab Sample ID: LCS 500-867337/4

Matrix: Water

Analysis Batch: 867337

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	10.5		mg/L		105	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-867451/11

Matrix: Water

Analysis Batch: 867451

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/20/26 10:11	1

Lab Sample ID: MB 500-867451/41

Matrix: Water

Analysis Batch: 867451

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/20/26 11:10	1

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QC Sample Results

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

Job ID: 500-286222-1

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

Lab Sample ID: LCS 500-867451/12
Matrix: Water
Analysis Batch: 867451

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	21.0		mg/L		105	88 - 123

Lab Sample ID: LCS 500-867451/42
Matrix: Water
Analysis Batch: 867451

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	19.5		mg/L		98	88 - 123

Lab Sample ID: 500-286222-8 MS
Matrix: Water
Analysis Batch: 867451

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	1400	F1	20.0	1380	4	mg/L		-126	75 - 125

Lab Sample ID: 500-286222-8 MSD
Matrix: Water
Analysis Batch: 867451

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	1400	F1	20.0	1390	4	mg/L		-54	75 - 125	1	20

eurofins | Environment Testing

5/27/2026

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

Chain of Custody Record

Client Information		Sampler: KAELYN SPERLE		Lab PM: Mockler Diana J		Carrier Tracking No(s): 500-149309-44027 1						
Client Contact: KAELYN SPERLE		Phone: 262-278-1621		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: IL						
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested								
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested: STANDARD		 500-286222 COC								
City: Brookfield		TAT Requested (days):										
State, Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No										
Phone: 262-781-0475 (Tel)		PO #:										
Email: kaelyn.s@kprginc.com		WO #:										
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR		Project #: 50011597		Preservation Codes: D HNO3 N None								
Site: Illinois		SSOW#:										
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, B=solid, O=waste/oli, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	60206, 7470A	2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E	Total Number of containers:	Other:
				Preservation Code:								Special Instructions/Note:
MW-01					Water							
MW-02					Water							
MW-03					Water							
MW-04					Water							
MW-09		5/12/26	1310	G	Water	N	N	X	X	X	5	
MW-11		5/12/26	1020		Water			X	X	X		
MW-14		5/12/26	1134		Water							
MW-16		5/11/26	1547		Water							
Duplicate					Water							
MW-05					Water							
MW-06					Water							
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ 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: Kaelyn Sperle		Date/Time: 5/12/26/1700		Company: KPRG		Received by: FEDEX		Date/Time: 5/12/26/1700		Company: FEDEX		
Relinquished by:		Date/Time:		Company:		Received by: Stephanne Hernandez		Date/Time: 5/13/26 0945		Company: EEIA		
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: 3.4-3.3								

Environment Testing

Ver: 03/20/2026

PATRICK HELENSEIN
KPRG AND ASSOCIATES INC
14685 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD WI 53005
UNITED STATES US

HW:WGT 23 00 LB 10N
CAD 07803077/CAFE3953

Part # 159469-434 RROB2 EXP 10/26

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

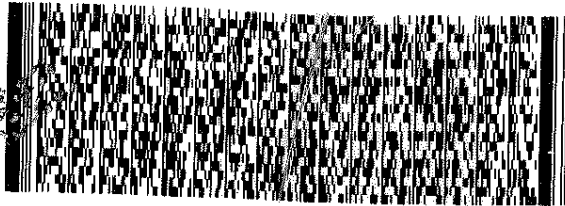
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INU

PO

DEPT.

RMA. ||| |||||



FedEx
Express



AN 1062 P052 00527

TRK# 5192 6461 5041
0221

RETURNS MON - SAT
PRIORITY OVERNIGHT

60487

IL - US

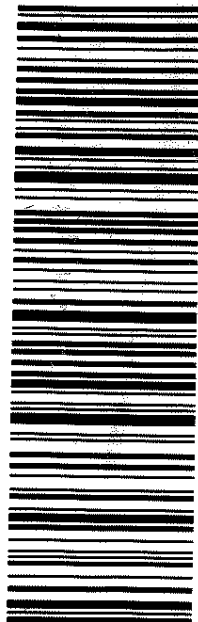
FedEx

TRK# 5192 6461 5041
0221

79 JOTA

TUE - 12 MAY 10:30A
PRIORITY OVERNIGHT

60487
IL - US
ORD



*3568998 05/11 SRK/2/2051/4843

3.0-72.2

40 A TUE 05/12 07:2 431 30
EUROFINS
18410 CROSSING DR
SUITE E
TINLEY PARK IL 60487
PRIORITY OVERNIGHT
415-4507FL
EIR: 15 SEP: 100: Y
02: 438 00: 048 0 9: 048 504



500-286222 Waybi

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/CAFE3953

Part # 159489-434 RRD87 EXP 10/26



500-286222 Waybi

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

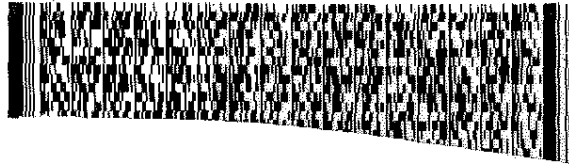
(709) 534-5200

REF

INVT

DEPT.

RMA. 01111111



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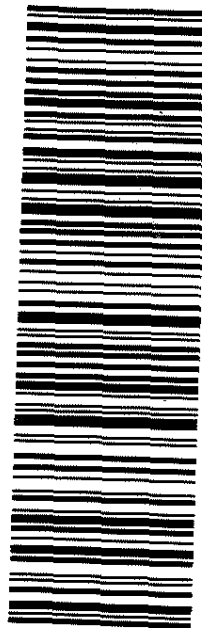
79 JOTA

IL - US **OR**
6048

FedEx
TRK# **5192 6461 5020**
0221

WED - 13 MAY 10:30
PRIORITY OVERNIGHT

4366996 05/12 5812/2061/4848



3.4-733

15-1505FL
PRIORITY OVERNIGHT
EUROFINS
18410 CROSSING DR
SUITE E
TINLEY PARK IL
60487
WED 05/13/20
10:30 AM

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14685 WEST LINDSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

HL(M/L?)
CAD 07803077/CAFE3953

Part # 189489-434 RRD82 EXP 10/26



500-286222 Waybi

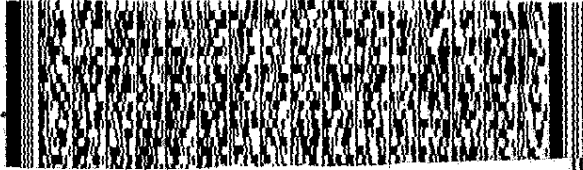
TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

REF:

DEPT:

RMA. III III III



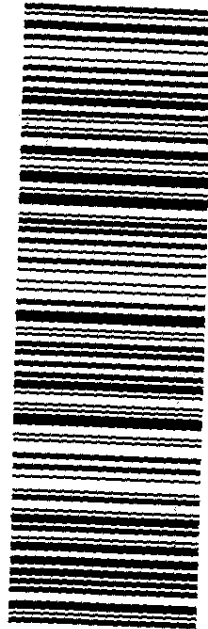
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Express



IL-US

167-17

*366596 05/13 58K12/2061/4848



79 JOTA

IL-US ORD
60487

FedEx
TRK# 5192 6461 5019
0221

THU - 14 MAY 10:30A
PRIORITY OVERNIGHT

EUROFINS
18410 CROSSING DR
SUITE E
TINLEY PARK IL 60487
PRIORITY OVERNIGHT
415-3516FL

56297-435 BRW2 EXP 02/27

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-286222-1

Login Number: 286222

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,3.3,-1.7, Sample not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-1

Client Sample ID: MW-01

Lab Sample ID: 500-286222-1

Date Collected: 05/11/26 11:16

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868269	S1Z	EET CHI	05/27/26 13:06
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:15
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:30
Total/NA	Analysis	SM 2540C		1	866178	CLB	EET CHI	05/13/26 06:44
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:36
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:28
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:04
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/11/26 11:16

Client Sample ID: MW-02

Lab Sample ID: 500-286222-2

Date Collected: 05/11/26 12:09

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:26
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 15:42
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:32
Total/NA	Analysis	SM 2540C		1	866178	CLB	EET CHI	05/13/26 06:46
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:39
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:31
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:04
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/11/26 12:09

Client Sample ID: MW-03

Lab Sample ID: 500-286222-3

Date Collected: 05/11/26 14:00

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:29
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 15:44
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:34
Total/NA	Analysis	SM 2540C		1	866178	CLB	EET CHI	05/13/26 06:49
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:40
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:35

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-1

Client Sample ID: MW-03

Lab Sample ID: 500-286222-3

Date Collected: 05/11/26 14:00

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:05
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/11/26 14:00

Client Sample ID: MW-04

Lab Sample ID: 500-286222-4

Date Collected: 05/11/26 14:55

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:31
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 15:47
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:39
Total/NA	Analysis	SM 2540C		1	866178	CLB	EET CHI	05/13/26 06:51
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:40
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:38
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:05
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/11/26 14:55

Client Sample ID: MW-09

Lab Sample ID: 500-286222-5

Date Collected: 05/12/26 13:10

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:34
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 15:49
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:41
Total/NA	Analysis	SM 2540C		1	866373	CLB	EET CHI	05/14/26 03:10
Total/NA	Analysis	SM 4500 Cl- E		10	866954	TR	EET CHI	05/17/26 11:14
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:41
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:06
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/12/26 13:10

Client Sample ID: MW-11

Lab Sample ID: 500-286222-6

Date Collected: 05/12/26 10:20

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:37

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-1

Client Sample ID: MW-11

Lab Sample ID: 500-286222-6

Date Collected: 05/12/26 10:20

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	868198	S1Z	EET CHI	05/26/26 15:52
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:43
Total/NA	Analysis	SM 2540C		1	866373	CLB	EET CHI	05/14/26 03:13
Total/NA	Analysis	SM 4500 CI- E		1	866954	TR	EET CHI	05/17/26 10:41
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:45
Total/NA	Analysis	SM 4500 SO4 E		1	867451	TR	EET CHI	05/20/26 10:23
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/12/26 10:20

Client Sample ID: MW-14

Lab Sample ID: 500-286222-7

Date Collected: 05/12/26 11:34

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867993	RN	EET CHI	05/24/26 20:24
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:41
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	868198	S1Z	EET CHI	05/26/26 15:54
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:45
Total/NA	Analysis	SM 2540C		1	866373	CLB	EET CHI	05/14/26 03:15
Total/NA	Analysis	SM 4500 CI- E		1	866954	TR	EET CHI	05/17/26 10:42
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:48
Total/NA	Analysis	SM 4500 SO4 E		1	867451	TR	EET CHI	05/20/26 10:25
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/12/26 11:34

Client Sample ID: MW-16

Lab Sample ID: 500-286222-8

Date Collected: 05/11/26 15:47

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 16:44
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		10	868198	S1Z	EET CHI	05/26/26 15:57
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:53
Total/NA	Analysis	SM 2540C		1	866373	CLB	EET CHI	05/14/26 03:18
Total/NA	Analysis	SM 4500 CI- E		10	866954	TR	EET CHI	05/17/26 11:15
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:52

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-1

Client Sample ID: MW-16

Lab Sample ID: 500-286222-8

Date Collected: 05/11/26 15:47

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		40	867451	TR	EET CHI	05/20/26 11:50
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/11/26 15:47

Client Sample ID: MW-07

Lab Sample ID: 500-286222-9

Date Collected: 05/13/26 14:01

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 17:01
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		20	868198	S1Z	EET CHI	05/26/26 15:59
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:55
Total/NA	Analysis	SM 2540C		1	866720	CLB	EET CHI	05/15/26 04:01
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:44
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 07:55
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:11
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/13/26 14:01

Client Sample ID: Duplicate

Lab Sample ID: 500-286222-10

Date Collected: 05/13/26 00:00

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 17:12
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 16:02
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 11:57
Total/NA	Analysis	SM 2540C		1	866720	CLB	EET CHI	05/15/26 04:04
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:44
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 08:07
Total/NA	Analysis	SM 4500 SO4 E		40	867451	TR	EET CHI	05/20/26 11:52

Client Sample ID: MW-05

Lab Sample ID: 500-286222-11

Date Collected: 05/13/26 12:07

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 17:15

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-1

Client Sample ID: MW-05

Lab Sample ID: 500-286222-11

Date Collected: 05/13/26 12:07

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		5	868198	S1Z	EET CHI	05/26/26 16:04
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 12:03
Total/NA	Analysis	SM 2540C		1	866720	CLB	EET CHI	05/15/26 04:06
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:45
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 08:12
Total/NA	Analysis	SM 4500 SO4 E		40	867451	TR	EET CHI	05/20/26 11:53
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/13/26 12:07

Client Sample ID: MW-06

Lab Sample ID: 500-286222-12

Date Collected: 05/13/26 15:03

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867993	RN	EET CHI	05/24/26 20:55
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	868269	S1Z	EET CHI	05/27/26 13:09
Total Recoverable	Prep	3005A			867259	MS	EET CHI	05/19/26 13:07 - 05/19/26 19:07 ¹
Total Recoverable	Analysis	6020B		1	867908	S1Z	EET CHI	05/22/26 17:26
Total/NA	Prep	7470A			867643	MJG	EET CHI	05/21/26 11:25 - 05/21/26 13:25 ¹
Total/NA	Analysis	7470A		1	867870	MJG	EET CHI	05/22/26 12:05
Total/NA	Analysis	SM 2540C		1	866720	CLB	EET CHI	05/15/26 04:09
Total/NA	Analysis	SM 4500 Cl- E		1	866954	TR	EET CHI	05/17/26 10:45
Total/NA	Analysis	SM 4500 F C		1	867337	AC	EET CHI	05/19/26 08:16
Total/NA	Analysis	SM 4500 SO4 E		20	867451	TR	EET CHI	05/20/26 11:12
Total/NA	Analysis	Field Sampling		1	866581	DN	EET CHI	05/13/26 15:03

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: 500-286222-1

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

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

Parameter Well	MW-01	MW-02	MW-03	MW-04	MW-05	
Field pH	7.48	8.04	7.97	7.42	6.54	
Field Temp (deg C)	12.1	11.8	12.1	11.6	12.2	
Field Specific Conductance (mS/cm)	0.683	0.614	0.610	0.640	1.637	
Dissolved Oxygen (mg/L)	0.59	0.40	0.36	0.87	0.66	
Field Turbidity NTU	4.04	5.11	4.33	4.56	13.25	
ORP (mV)	196.0	162.9	86.6	156.6	73.9	
Groundwater Elevation (ft)	582.62	582.65	582.74	582.70	583.22	
Description	Clear	Clear	Clear	Clear	Clear	
	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	
Sampling Method	Pump	Pump	Pump	Pump	Pump	

MW-06	MW-07	MW-09	MW-11	MW-14	MW-16	
	7.16	7.11	7.14	7.00	7.10	6.63
	8.7	11.5	11.4	11.2	10.0	13.3
	0.628	1.148	0.868	0.879	0.617	1.769
	0.37	0.39	0.34	0.28	0.57	3.36
	19.82	15.01	14.94	11.3	115.34	16.97
	-82.9	-125.4	-43.6	-115.4	-68.0	188.4
	582.67	582.55	583.57	584.12	585.08	582.65
Clear	Clear	Clear	Slightly turbid	Turbid	Clear	
Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	Dedicated Bladder	
Pump	Pump	Pump	Pump	Pump	Pump	

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
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Generated 6/17/2026 2:38:25 PM

JOB DESCRIPTION

Waukegan CCR (RAD)

JOB NUMBER

500-286222-2

Eurofins Chicago

Job Notes

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

Authorization



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Case Narrative

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

Job ID: 500-286222-2

Job ID: 500-286222-2

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Job Narrative 500-286222-2

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 5/12/2026 8:50 AM, 5/13/2026 9:45 AM and 5/14/2026 9:00 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 -1.7°C, 2.9°C and 3.3°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 772225

The LCS recovered at (128%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (72% - 154%) per method requirements. The LCS passes, no further action is required

(LCS 160-772225/2-A)

Method 904.0: Radium-228 batch 772225

The detection goal was not met for the following samples due to the reduced sample volume used for prep attributed to the presence of matrix interferences: MW-11 (500-286222-6) and MW-14 (500-286222-7). 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.

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Method Summary

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

Job ID: 500-286222-2

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: 500-286222-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-286222-1	MW-01	Water	05/11/26 11:16	05/12/26 08:50	Illinois
500-286222-2	MW-02	Water	05/11/26 12:09	05/12/26 08:50	Illinois
500-286222-3	MW-03	Water	05/11/26 14:00	05/12/26 08:50	Illinois
500-286222-4	MW-04	Water	05/11/26 14:55	05/12/26 08:50	Illinois
500-286222-5	MW-09	Water	05/12/26 13:10	05/13/26 09:45	Illinois
500-286222-6	MW-11	Water	05/12/26 10:20	05/13/26 09:45	Illinois
500-286222-7	MW-14	Water	05/12/26 11:34	05/13/26 09:45	Illinois
500-286222-8	MW-16	Water	05/11/26 15:47	05/13/26 09:45	Illinois
500-286222-9	MW-07	Water	05/13/26 14:01	05/14/26 09:00	Illinois
500-286222-10	Duplicate	Water	05/13/26 00:00	05/14/26 09:00	Illinois
500-286222-11	MW-05	Water	05/13/26 12:07	05/14/26 09:00	Illinois
500-286222-12	MW-06	Water	05/13/26 15:03	05/14/26 09:00	Illinois

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-01

Lab Sample ID: 500-286222-1

Date Collected: 05/11/26 11:16

Matrix: Water

Date Received: 05/12/26 08:50

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	<0.241	U	0.146	0.147	1.00	0.241	pCi/L	05/20/26 09:01	06/16/26 21:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.1		30 - 110					05/20/26 09:01	06/16/26 21:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.729	U	0.443	0.444	1.00	0.729	pCi/L	05/20/26 09:07	06/16/26 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.1		30 - 110					05/20/26 09:07	06/16/26 14:24	1
Y Carrier	86.4		30 - 110					05/20/26 09:07	06/16/26 14:24	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	<0.729	U	0.466	0.468	5.00	0.729	pCi/L		06/17/26 13:45	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-02

Lab Sample ID: 500-286222-2

Date Collected: 05/11/26 12:09

Matrix: Water

Date Received: 05/12/26 08:50

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	<0.280	U	0.146	0.146	1.00	0.280	pCi/L	05/20/26 09:01	06/16/26 21:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.5		30 - 110					05/20/26 09:01	06/16/26 21:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.935	U	0.508	0.508	1.00	0.935	pCi/L	05/20/26 09:07	06/16/26 14:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.5		30 - 110					05/20/26 09:07	06/16/26 14:23	1
Y Carrier	86.7		30 - 110					05/20/26 09:07	06/16/26 14:23	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	<0.935	U	0.529	0.529	5.00	0.935	pCi/L		06/17/26 13:45	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-03

Lab Sample ID: 500-286222-3

Date Collected: 05/11/26 14:00

Matrix: Water

Date Received: 05/12/26 08:50

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	<0.242	U	0.104	0.104	1.00	0.242	pCi/L	05/20/26 09:01	06/16/26 21:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					05/20/26 09:01	06/16/26 21:19	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.11		0.540	0.550	1.00	0.757	pCi/L	05/20/26 09:07	06/16/26 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					05/20/26 09:07	06/16/26 14:24	1
Y Carrier	89.0		30 - 110					05/20/26 09:07	06/16/26 14:24	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		0.550	0.560	5.00	0.757	pCi/L		06/17/26 13:45	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-04

Lab Sample ID: 500-286222-4

Date Collected: 05/11/26 14:55

Matrix: Water

Date Received: 05/12/26 08:50

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	<0.226	U	0.130	0.131	1.00	0.226	pCi/L	05/21/26 08:10	06/16/26 17:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	66.1		30 - 110					05/21/26 08:10	06/16/26 17:09	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	<0.949	U	0.584	0.586	1.00	0.949	pCi/L	05/21/26 08:17	06/15/26 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	66.1		30 - 110					05/21/26 08:17	06/15/26 13:56	1
Y Carrier	74.8		30 - 110					05/21/26 08:17	06/15/26 13:56	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	<0.949	U	0.598	0.600	5.00	0.949	pCi/L		06/17/26 11:01	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-09

Lab Sample ID: 500-286222-5

Date Collected: 05/12/26 13:10

Matrix: Water

Date Received: 05/13/26 09:45

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	<0.292	U	0.203	0.204	1.00	0.292	pCi/L	05/21/26 09:02	06/16/26 16:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					05/21/26 09:02	06/16/26 16:57	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	1.49		0.601	0.616	1.00	0.791	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	76.6		30 - 110					05/21/26 09:06	06/16/26 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	1.73		0.634	0.649	5.00	0.791	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-11

Lab Sample ID: 500-286222-6

Date Collected: 05/12/26 10:20

Matrix: Water

Date Received: 05/13/26 09:45

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	<0.439	U	0.288	0.290	1.00	0.439	pCi/L	05/21/26 09:02	06/16/26 16:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					05/21/26 09:02	06/16/26 16:57	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	<1.01	U G	0.656	0.661	1.00	1.01	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	81.5		30 - 110					05/21/26 09:06	06/16/26 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	1.21		0.716	0.722	5.00	1.01	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-14

Lab Sample ID: 500-286222-7

Date Collected: 05/12/26 11:34

Matrix: Water

Date Received: 05/13/26 09:45

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	<0.520	U	0.314	0.315	1.00	0.520	pCi/L	05/21/26 09:02	06/16/26 16:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.4		30 - 110					05/21/26 09:02	06/16/26 16:58	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	<1.11	U G	0.602	0.602	1.00	1.11	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.4		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	84.5		30 - 110					05/21/26 09:06	06/16/26 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	<1.11	U	0.679	0.679	5.00	1.11	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-16

Lab Sample ID: 500-286222-8

Date Collected: 05/11/26 15:47

Matrix: Water

Date Received: 05/13/26 09:45

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	<0.337	U	0.175	0.175	1.00	0.337	pCi/L	05/21/26 09:02	06/16/26 16:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					05/21/26 09:02	06/16/26 16:59	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	<0.672	U	0.399	0.400	1.00	0.672	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	80.0		30 - 110					05/21/26 09:06	06/16/26 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	<0.672	U	0.436	0.437	5.00	0.672	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-07

Lab Sample ID: 500-286222-9

Date Collected: 05/13/26 14:01

Matrix: Water

Date Received: 05/14/26 09:00

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	0.501		0.271	0.275	1.00	0.320	pCi/L	05/21/26 09:02	06/16/26 16:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					05/21/26 09:02	06/16/26 16:59	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	0.919		0.495	0.502	1.00	0.704	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	81.1		30 - 110					05/21/26 09:06	06/16/26 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	1.42		0.564	0.572	5.00	0.704	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: Duplicate

Lab Sample ID: 500-286222-10

Date Collected: 05/13/26 00:00

Matrix: Water

Date Received: 05/14/26 09:00

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	<0.292	U	0.141	0.141	1.00	0.292	pCi/L	05/21/26 09:02	06/16/26 17:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/21/26 09:02	06/16/26 17:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.974	U	0.573	0.574	1.00	0.974	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	73.3		30 - 110					05/21/26 09:06	06/16/26 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	<0.974	U	0.590	0.591	5.00	0.974	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-05

Lab Sample ID: 500-286222-11

Date Collected: 05/13/26 12:07

Matrix: Water

Date Received: 05/14/26 09:00

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	<0.291	U	0.154	0.154	1.00	0.291	pCi/L	05/21/26 09:02	06/16/26 17:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					05/21/26 09:02	06/16/26 17:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.721	U	0.397	0.397	1.00	0.721	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	79.6		30 - 110					05/21/26 09:06	06/16/26 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	<0.721	U	0.426	0.426	5.00	0.721	pCi/L		06/17/26 13:49	1

Client Sample Results

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

Job ID: 500-286222-2

Client Sample ID: MW-06

Lab Sample ID: 500-286222-12

Date Collected: 05/13/26 15:03

Matrix: Water

Date Received: 05/14/26 09:00

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	<0.265	U	0.172	0.173	1.00	0.265	pCi/L	05/21/26 09:02	06/16/26 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.7		30 - 110					05/21/26 09:02	06/16/26 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.862		0.537	0.543	1.00	0.799	pCi/L	05/21/26 09:06	06/16/26 14:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.7		30 - 110					05/21/26 09:06	06/16/26 14:06	1
Y Carrier	81.1		30 - 110					05/21/26 09:06	06/16/26 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	1.03		0.564	0.570	5.00	0.799	pCi/L		06/17/26 13:49	1

Definitions/Glossary

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

Job ID: 500-286222-2

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: 500-286222-2

Rad

Prep Batch: 772059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	PrecSep-21	
500-286222-2	MW-02	Total/NA	Water	PrecSep-21	
500-286222-3	MW-03	Total/NA	Water	PrecSep-21	
MB 160-772059/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-772059/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 772060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-1	MW-01	Total/NA	Water	PrecSep_0	
500-286222-2	MW-02	Total/NA	Water	PrecSep_0	
500-286222-3	MW-03	Total/NA	Water	PrecSep_0	
MB 160-772060/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-772060/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 772156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-4	MW-04	Total/NA	Water	PrecSep-21	
MB 160-772156/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-772156/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 772158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-4	MW-04	Total/NA	Water	PrecSep_0	
MB 160-772158/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-772158/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 772222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-5	MW-09	Total/NA	Water	PrecSep-21	
500-286222-6	MW-11	Total/NA	Water	PrecSep-21	
500-286222-7	MW-14	Total/NA	Water	PrecSep-21	
500-286222-8	MW-16	Total/NA	Water	PrecSep-21	
500-286222-9	MW-07	Total/NA	Water	PrecSep-21	
500-286222-10	Duplicate	Total/NA	Water	PrecSep-21	
500-286222-11	MW-05	Total/NA	Water	PrecSep-21	
500-286222-12	MW-06	Total/NA	Water	PrecSep-21	
MB 160-772222/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-772222/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-286222-11 DU	MW-05	Total/NA	Water	PrecSep-21	

Prep Batch: 772225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-286222-5	MW-09	Total/NA	Water	PrecSep_0	
500-286222-6	MW-11	Total/NA	Water	PrecSep_0	
500-286222-7	MW-14	Total/NA	Water	PrecSep_0	
500-286222-8	MW-16	Total/NA	Water	PrecSep_0	
500-286222-9	MW-07	Total/NA	Water	PrecSep_0	
500-286222-10	Duplicate	Total/NA	Water	PrecSep_0	
500-286222-11	MW-05	Total/NA	Water	PrecSep_0	
500-286222-12	MW-06	Total/NA	Water	PrecSep_0	
MB 160-772225/1-A	Method Blank	Total/NA	Water	PrecSep_0	

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QC Association Summary

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

Job ID: 500-286222-2

Rad (Continued)

Prep Batch: 772225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-772225/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-286222-11 DU	MW-05	Total/NA	Water	PrecSep_0	

1

2

3

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14

QC Sample Results

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

Job ID: 500-286222-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-772059/1-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772059

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.229	U	0.0946	0.0946	1.00	0.229	pCi/L	05/20/26 09:01	06/16/26 19:06	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					05/20/26 09:01	06/16/26 19:06	1

Lab Sample ID: LCS 160-772059/2-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772059

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.702		1.14	1.00	0.206	pCi/L	91	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	83.9		30 - 110							

Lab Sample ID: MB 160-772156/1-A

Matrix: Water

Analysis Batch: 776273

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772156

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.180	U	0.0990	0.0991	1.00	0.180	pCi/L	05/21/26 08:10	06/16/26 12:32	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					05/21/26 08:10	06/16/26 12:32	1

Lab Sample ID: LCS 160-772156/2-A

Matrix: Water

Analysis Batch: 776273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772156

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.495		1.04	1.00	0.176	pCi/L	89	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.5		30 - 110							

Lab Sample ID: MB 160-772222/1-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772222

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.243	U	0.100	0.100	1.00	0.243	pCi/L	05/21/26 09:02	06/16/26 16:56	1

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QC Sample Results

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

Job ID: 500-286222-2

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

Lab Sample ID: MB 160-772222/1-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772222

	MB	MB									
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110						05/21/26 09:02	06/16/26 16:56	1

Lab Sample ID: LCS 160-772222/2-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772222

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
Radium-226		9.57	9.442		1.23	1.00	0.216	pCi/L	99	75 - 125	
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	83.0		30 - 110								

Lab Sample ID: 500-286222-11 DU

Matrix: Water

Analysis Batch: 776273

Client Sample ID: MW-05

Prep Type: Total/NA

Prep Batch: 772222

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit		RER	RER Limit
Radium-226	<0.291	U	<0.247	U	0.139	1.00	0.247	pCi/L		0.09	1
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	80.2		30 - 110								

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-772060/1-A

Matrix: Water

Analysis Batch: 776301

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772060

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.708	U	0.447	0.449	1.00	0.708	pCi/L	05/20/26 09:07	06/16/26 14:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					05/20/26 09:07	06/16/26 14:16	1
Y Carrier	84.9		30 - 110					05/20/26 09:07	06/16/26 14:16	1

Lab Sample ID: LCS 160-772060/2-A

Matrix: Water

Analysis Batch: 776301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772060

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
Radium-228		9.05	8.805		1.29	1.00	0.691	pCi/L	97	75 - 125	

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QC Sample Results

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

Job ID: 500-286222-2

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

Lab Sample ID: LCS 160-772060/2-A

Matrix: Water

Analysis Batch: 776301

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772060

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	83.9		30 - 110
Y Carrier	88.6		30 - 110

Lab Sample ID: MB 160-772158/1-A

Matrix: Water

Analysis Batch: 776026

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772158

		MB	MB	Count	Total						
		Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Analyte				(2σ+/-)	(2σ+/-)						
Radium-228		<0.797	U	0.508	0.511	1.00	0.797	pCi/L	05/21/26 08:17	06/15/26 13:53	1
		MB	MB								
Carrier		%Yield	Qualifier	Limits							
Ba Carrier		83.0		30 - 110							
Y Carrier		76.3		30 - 110							
					Prepared	Analyzed	Dil Fac				
Ba Carrier					05/21/26 08:17	06/15/26 13:53	1				
Y Carrier					05/21/26 08:17	06/15/26 13:53	1				

Lab Sample ID: LCS 160-772158/2-A

Matrix: Water

Analysis Batch: 776026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772158

		Spike	LCS	LCS	Total						
		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	%Rec	Limits
Analyte					(2σ+/-)						
Radium-228		9.06	11.04		1.50	1.00	0.663	pCi/L	122	75 - 125	
		LCS	LCS								
Carrier		%Yield	Qualifier	Limits							
Ba Carrier		86.5		30 - 110							
Y Carrier		82.2		30 - 110							

Lab Sample ID: MB 160-772225/1-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772225

		MB	MB	Count	Total						
		Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Analyte				(2σ+/-)	(2σ+/-)						
Radium-228		<0.784	U	0.437	0.437	1.00	0.784	pCi/L	05/21/26 09:06	06/16/26 14:06	1
		MB	MB								
Carrier		%Yield	Qualifier	Limits							
Ba Carrier		80.2		30 - 110							
Y Carrier		80.7		30 - 110							
					Prepared	Analyzed	Dil Fac				
Ba Carrier					05/21/26 09:06	06/16/26 14:06	1				
Y Carrier					05/21/26 09:06	06/16/26 14:06	1				

Lab Sample ID: LCS 160-772225/2-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772225

		Spike	LCS	LCS	Total						
		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	%Rec	Limits
Analyte					(2σ+/-)						
Radium-228		9.05	11.61		1.59	1.00	0.716	pCi/L	128	75 - 125	

Eurofins Chicago

QC Sample Results

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

Job ID: 500-286222-2

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

Lab Sample ID: LCS 160-772225/2-A

Matrix: Water

Analysis Batch: 776272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772225

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	83.0		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: 500-286222-11 DU

Matrix: Water

Analysis Batch: 776272

Client Sample ID: MW-05

Prep Type: Total/NA

Prep Batch: 772225

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-228	<0.721	U	0.8360		0.502	1.00	0.719	pCi/L	0.86	1

Carrier	DU	DU	Limits
	%Yield	Qualifier	
Ba Carrier	80.2		30 - 110
Y Carrier	75.5		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



Environment Testing

Client Information		Sampler: KAELYN SPERLE		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-149309-44027 1															
Client Contact: KAELYN SPERLE		Phone: 262-781-1021		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: IL		Page: Page 1 of 1															
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested																			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested: STANDARD		 500-286222 COC																			
City: Brookfield		TAT Requested (days):																					
State, Zip: WI 53005		Compliance Project: ☐ Yes ☐ No																					
Phone: 262-781-0475(Tel)		PO #: 4502280086-4502188608																					
Email: kaelyn@kprginc.com		WO #:																					
Project Name: Waukegan CCR Event Desc: Quarterly Waukegan CCR		Project #: 50011597		Preservation Codes: D HNO3 N None																			
Site: Illinois		SSOW#:																					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0, 904.0		60206, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note:	
1 MW-01		5/11/26		1116		G		Water		N		N		X		X		X		5			
2 MW-02		5/11/26		1209				Water		N		N		X		X		X					
3 MW-03		5/11/26		1400				Water		N		N		X		X		X					
4 MW-04		5/11/26		1455				Water		N		N		X		X		X					
MW-05								Water															
MW-06								Water															
MW-07								Water															
MW-08								Water															
MW-09								Water															
MW-10								Water															
MW-11								Water															
MW-12								Water															
MW-13								Water															
MW-14								Water															
MW-15								Water															
MW-16								Water															
MW-17								Water															
MW-18								Water															
MW-19								Water															
MW-20								Water															
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)													
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ 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: Kaelyn Sperle				Date/Time: 5/11/26/1715				Company: KPRG				Received by: FEDEX				Date/Time: 5/11/26/1715				Company: FEDEX			
Relinquished by:				Date/Time:				Company:				Received by: Stephanie Hemondy				Date/Time: 5/12/26 0850				Company: EEA			
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: 30+29															

Ver 03/20/2026

eurolins | Environment Testing

6/17/2026

Environment Testing

6/17/2026

PATRICK HELENSEIN
KPRG AND ASSOCIATES INC
14685 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

HW:WGT 23 00 LB 10N
CAD 07803077/CAFE3953

Part # 159469-434 RROB2 EXP 10/26

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

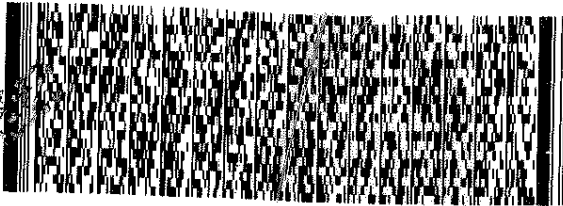
REF

INU

PO

DEPT.

RMA. ||| |||||



FedEx
Express



AN 1062 P052 00527

TRK# 5192 6461 5041
0221

RETURNS MON - SAT
PRIORITY OVERNIGHT

60487

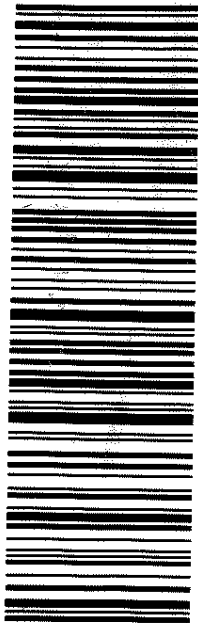
IL - US

FedEx
TRK# 5192 6461 5041
0221

79 JOTA

TUE - 12 MAY 10:30A
PRIORITY OVERNIGHT

60487
IL - US
ORD



*3568998 05/11 SRK/2/2051/4843

3.0-72.2

40 A TUE 05/12 07:2 431 30
EUROFINS
18410 CROSSING DR
SUITE E
TINLEY PARK IL 60487
PRIORITY OVERNIGHT
415-4507FL
EIR: 15 SEP: 100: Y
02: 438 00: 048 0 9: 048 504



500-286222 Waybi

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/CAFE3953

Part # 159489-434 RDRB? EXP 10/26



500-286222 Waybi

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

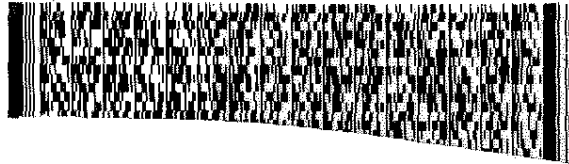
(709) 534-5200

REF

INVT

DEPT.

RMA. 01111111



FedEx
Express



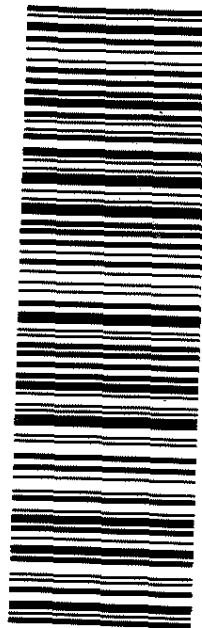
44186270520552

79 JOTA

IL-US OF
6048

FedEx
TRK# 5192 6461 5020
0221

WED - 13 MAY 10:30
PRIORITY OVERNIGHT



4366996 05/12 5812/2061/4848

3.4-733

EUROFINS
18410 CROSSING DR
SUITE E
TINLEY PARK IL 60487
WED 5/13/20
PRIORITY OVERNIGHT
15-1505FL
6048/0221
01074

6/17/2026

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	GOC No:											
Client Contact:		N/A	Mockler, Diana J	N/A	500-222109.1											
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:											
		N/A	Diana Mockler@et.eurofins.com	Illinois	Page 1 of 1											
Company:		Accreditations Required (See note):			Job #:											
TestAmerica Laboratories, Inc.		NELAP - Illinois			500-286222-2											
Address:		Due Date Requested:			Preservation Codes:											
13715 Rider Trail North,		8/11/2026														
City:		TAT Requested (days):														
Earth City		N/A														
State, Zip:		PO #:														
MO, 63045		N/A														
Phone:		WO #:														
314-298-8566(Tel) 314-298-8757(Fax)		N/A														
Email:		Project #:														
N/A		50011597														
Project Name:		SSOW#:														
Waukegan CCR		N/A														
Site:		NRG Midwest Generation Waukegan														
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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_05 Standard Target List	Ra226Ra228_GFPc	Analysis Requested					Total Number of Containers	Special Instructions/Note:
MW-01 (500-286222-1)		5/11/26	11:16 Central	G	Water		X	X	X					3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-02 (500-286222-2)		5/11/26	12:09 Central	G	Water		X	X	X					3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-03 (500-286222-3)		5/11/26	14:00 Central	G	Water		X	X	X					3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-04 (500-286222-4)		5/11/26	14:55 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/test/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																
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2																
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____																
Relinquished by: _____ Date/Time: _____ Company: _____																
Relinquished by: _____ Date/Time: _____ Company: _____																
Relinquished by: _____ Date/Time: _____ Company: _____																
Custody Seals Intact: _____ Custody Seal No.: _____																
Δ Yes Δ No																

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-286222-2

Login Number: 286222

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,3.3,-1.7, Sample not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-286222-2

Login Number: 286222

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 05/13/26 11:59 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-286222-2

Login Number: 286222

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 05/14/26 12:19 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-286222-2

Login Number: 286222

List Number: 4

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 05/15/26 12:58 PM

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-286222-2

Client Sample ID: MW-01

Lab Sample ID: 500-286222-1

Date Collected: 05/11/26 11:16

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772059	ASL	EET SL	05/20/26 09:01
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 21:18
Total/NA	Prep	PrecSep_0			772060	ASL	EET SL	05/20/26 09:07
Total/NA	Analysis	904.0		1	776273	FLC	EET SL	06/16/26 14:24
Total/NA	Analysis	Ra226_Ra228		1	776486	FLC	EET SL	06/17/26 13:45

Client Sample ID: MW-02

Lab Sample ID: 500-286222-2

Date Collected: 05/11/26 12:09

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772059	ASL	EET SL	05/20/26 09:01
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 21:18
Total/NA	Prep	PrecSep_0			772060	ASL	EET SL	05/20/26 09:07
Total/NA	Analysis	904.0		1	776273	FLC	EET SL	06/16/26 14:23
Total/NA	Analysis	Ra226_Ra228		1	776486	FLC	EET SL	06/17/26 13:45

Client Sample ID: MW-03

Lab Sample ID: 500-286222-3

Date Collected: 05/11/26 14:00

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772059	ASL	EET SL	05/20/26 09:01
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 21:19
Total/NA	Prep	PrecSep_0			772060	ASL	EET SL	05/20/26 09:07
Total/NA	Analysis	904.0		1	776273	FLC	EET SL	06/16/26 14:24
Total/NA	Analysis	Ra226_Ra228		1	776486	FLC	EET SL	06/17/26 13:45

Client Sample ID: MW-04

Lab Sample ID: 500-286222-4

Date Collected: 05/11/26 14:55

Matrix: Water

Date Received: 05/12/26 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772156	ASL	EET SL	05/21/26 08:10
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 17:09
Total/NA	Prep	PrecSep_0			772158	ASL	EET SL	05/21/26 08:17
Total/NA	Analysis	904.0		1	776061	FLC	EET SL	06/15/26 13:56
Total/NA	Analysis	Ra226_Ra228		1	776459	FLC	EET SL	06/17/26 11:01

Lab Chronicle

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

Job ID: 500-286222-2

Client Sample ID: MW-09

Lab Sample ID: 500-286222-5

Date Collected: 05/12/26 13:10

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776271	FLC	EET SL	06/16/26 16:57
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: MW-11

Lab Sample ID: 500-286222-6

Date Collected: 05/12/26 10:20

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776271	FLC	EET SL	06/16/26 16:57
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: MW-14

Lab Sample ID: 500-286222-7

Date Collected: 05/12/26 11:34

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776271	FLC	EET SL	06/16/26 16:58
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: MW-16

Lab Sample ID: 500-286222-8

Date Collected: 05/11/26 15:47

Matrix: Water

Date Received: 05/13/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776271	FLC	EET SL	06/16/26 16:59
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Lab Chronicle

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

Job ID: 500-286222-2

Client Sample ID: MW-07

Lab Sample ID: 500-286222-9

Date Collected: 05/13/26 14:01

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776271	FLC	EET SL	06/16/26 16:59
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: Duplicate

Lab Sample ID: 500-286222-10

Date Collected: 05/13/26 00:00

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 17:07
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: MW-05

Lab Sample ID: 500-286222-11

Date Collected: 05/13/26 12:07

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 17:07
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Client Sample ID: MW-06

Lab Sample ID: 500-286222-12

Date Collected: 05/13/26 15:03

Matrix: Water

Date Received: 05/14/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			772222	ASL	EET SL	05/21/26 09:02
Total/NA	Analysis	903.0		1	776273	FLC	EET SL	06/16/26 17:06
Total/NA	Prep	PrecSep_0			772225	ASL	EET SL	05/21/26 09:06
Total/NA	Analysis	904.0		1	776272	SWS	EET SL	06/16/26 14:06
Total/NA	Analysis	Ra226_Ra228		1	776488	FLC	EET SL	06/17/26 13:49

Laboratory References:

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

Eurofins Chicago

Accreditation/Certification Summary

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

Job ID: 500-286222-2

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

- 1
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- 14

Tracer/Carrier Summary

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

Job ID: 500-286222-2

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)					
500-286222-1	MW-01	76.1					
500-286222-2	MW-02	67.5					
500-286222-3	MW-03	74.1					
500-286222-4	MW-04	66.1					
500-286222-5	MW-09	78.2					
500-286222-6	MW-11	79.6					
500-286222-7	MW-14	68.4					
500-286222-8	MW-16	83.0					
500-286222-9	MW-07	78.7					
500-286222-10	Duplicate	76.4					
500-286222-11	MW-05	80.2					
500-286222-11 DU	MW-05	80.2					
500-286222-12	MW-06	74.7					
LCS 160-772059/2-A	Lab Control Sample	83.9					
LCS 160-772156/2-A	Lab Control Sample	86.5					
LCS 160-772222/2-A	Lab Control Sample	83.0					
MB 160-772059/1-A	Method Blank	81.9					
MB 160-772156/1-A	Method Blank	83.0					
MB 160-772222/1-A	Method Blank	80.2					

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba	Y				
		(30-110)	(30-110)				
500-286222-1	MW-01	76.1	86.4				
500-286222-2	MW-02	67.5	86.7				
500-286222-3	MW-03	74.1	89.0				
500-286222-4	MW-04	66.1	74.8				
500-286222-5	MW-09	78.2	76.6				
500-286222-6	MW-11	79.6	81.5				
500-286222-7	MW-14	68.4	84.5				
500-286222-8	MW-16	83.0	80.0				
500-286222-9	MW-07	78.7	81.1				
500-286222-10	Duplicate	76.4	73.3				
500-286222-11	MW-05	80.2	79.6				
500-286222-11 DU	MW-05	80.2	75.5				
500-286222-12	MW-06	74.7	81.1				
LCS 160-772060/2-A	Lab Control Sample	83.9	88.6				
LCS 160-772158/2-A	Lab Control Sample	86.5	82.2				
LCS 160-772225/2-A	Lab Control Sample	83.0	79.6				
MB 160-772060/1-A	Method Blank	81.9	84.9				
MB 160-772158/1-A	Method Blank	83.0	76.3				
MB 160-772225/1-A	Method Blank	80.2	80.7				

Tracer/Carrier Legend

Ba = Ba Carrier

Eurofins Chicago

Tracer/Carrier Summary

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

Y = Y Carrier

Job ID: 500-286222-2

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PROJECT NAME	12313.2 – Waukegan Station		DATE	5/11/2020
Sample Name	MW-01	Start Time	1055	
Condition of Well	good			
Water Level	21.00	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	5.5 gts	WL at Sample Time	21.21	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCR, CCA Permit	Sample Time	1116	
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)
1100	21.00	7.24	12.1	.695	1.16	206.0	4.28
1103	-	7.39	12.1	.694	0.60	201.5	4.31
1106	-	7.43	11.9	.684	0.52	199.2	3.91
1109	-	7.47	11.8	.683	0.52	197.7	4.39
1112	21.21	7.48	12.1	.683	0.59	196.0	4.04

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/11/26
Sample Name	MW-02	Start Time	1150	
Condition of Well	good			
Water Level	20.74	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 gts	WL at Sample Time	20.78	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1209	
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)
1153	20.74	7.20	12.0	.603	3.69	167.2	6.71
1156	-	7.80	11.9	.613	0.96	163.5	13.19
1159	-	8.01	11.9	.608	0.56	163.5	7.50
1202	-	8.04	11.9	.612	0.46	163.7	5.61
1205	20.78	8.04	11.8	.614	0.40	162.9	5.11

SAMPLING NOTES:

CCA PERMIT DUPLICATE

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/11/20
Sample Name	MW-03	Start Time	1330	
Condition of Well	GOOD			
Water Level	20.96	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	8 ft	WL at Sample Time	21.08	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1330 1400	
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)
1333	20.96	7.46	12.3	.600	2.69	193.6	6.89
1336	-	7.83	12.3	.624	0.90	188.6	5.80
1339	-	7.90	12.2	.623	0.57	183.1	4.98
1342	-	7.93	12.2	.616	0.50	175.2	4.76
1345	-	7.94	12.2	.613	0.46	163.0	4.53
1348	-	7.95	12.2	.612	0.41	148.0	4.29
1351	-	7.95	12.1	.611	0.39	138.2	4.33
1354	-	7.96	12.1	.610	0.37	83.3	4.14
1357	21.08	7.97	12.1	.610	0.36	86.6	4.33

SAMPLING NOTES:

~~1ST SAMPLE TAKEN AFTER YSI READING 1354; SAMPLE TIME NOT CHANGED ON BOTTLES.~~
SAMPLE TIME CHANGED TO 1400, ALSO ON BOTTLES

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/11/26
Sample Name	MW-04	Start Time	1437	
Condition of Well	GOOD			
Water Level	20.47	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 QTS	WL at Sample Time	20.50	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR, CCA PERMIT	Sample Time	1455	
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)
1439	20.47	7.17	11.6	.691	7.21	168.8	5.79
1442	—	7.33	11.7	.656	7.32	170.7	6.70
1445	—	7.38	11.6	.652	* 1.02	166.2	4.81
1448	—	7.40	11.6	.647	0.90	162.5	4.67
1451	20.50	7.42	11.6	.640	0.87	156.6	4.56

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 - Waukegan Station		DATE	5/13/20
Sample Name	MW-05	Start Time	1149	
Condition of Well	GOOD			
Water Level	21.68	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5 QTS	WL at Sample Time	21.72	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1207	
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)
1151	21.68	6.90	12.7	1.050	8.09	73.0	41.47
1154	-	6.52	12.2	1.626	1.44	78.1	18.95
1157	-	6.53	12.1	1.637	0.89	76.5	13.55
1200	-	6.54	12.1	1.638	0.74	75.1	13.00
1203	21.72	6.54	12.2	1.637	0.66	73.9	13.25

SAMPLING NOTES:

CCR DUPLICATE

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/13/20
Sample Name	MW-06	Start Time	1441	
Condition of Well	OKAY			
Water Level	7.38	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	SL. CLOUDY, BROWN	
Volume Removed	9.0 7 QTS	WL at Sample Time	7.38	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1503	
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)
1444	7.38	7.20	9.1	.700	7.94	-35.3	75.34
1447	-	7.18	8.8	.623	1.11	-79.5	158.67
1450	-	7.18	8.8	.625	0.61	-81.2	91.53
1453	-	7.17	8.7	.628	0.50	-82.1	43.40
1456	-	7.16	8.6	.628	0.41	-82.9	26.20
1459		7.16	8.7	.628	0.37	-82.9	19.82

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

168

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/13/26
Sample Name	MW-07	Start Time	1342	
Condition of Well	GOOD			
Water Level	15.79	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLEAR	
Volume Removed	5.5 QTS	WL at Sample Time	15.81	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCA PERMIT, CCR	Sample Time	1401	
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)
1345	15.79	7.03	12.1	1.180	7.31	60.5	25.12
1348	-	7.12	11.6	1.152	0.94	-109.2	23.54
1351	-	7.13	11.5	1.149	0.59	-118.3	16.08
1354	-	7.12	11.5	1.149	0.45	-123.1	14.78
1357	15.81	7.11	11.5	1.148	0.39	-125.4	15.01

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/12/26
Sample Name	MW-09	Start Time	1241	
Condition of Well	GOOD			
Water Level	10.45	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	SL. CLOUDY, GRAY TO CLEAR W/ YELLOW TINT	
Volume Removed	7.5 QTS	WL at Sample Time	10.65	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR W/ YELLOW TINT	
Sample Analysis	CCR, CCA PERMIT (NOT REPORTED)	Sample Time	1310	
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)
1250	10.45	7.21	11.5	.868	1.23	51.4	302.63
1253	—	7.14	11.5	.868	0.65	-3.1	67.61
1256	—	7.13	11.5	.869	0.44	-25.2	22.21
1259	—	7.14	11.5	.868	0.37	-33.9	18.93
1302	—	7.14	11.4	.867	0.36	-38.1	17.43
1305	10.65	7.14	11.4	.868	0.34	-43.6	14.94

SAMPLING NOTES:

- LET WELL PURGE FOR ~8 MIN PRIOR TO FIRST WATER QUALITY READING TO ALLOW WATER TO CLEAR UP FROM CLOUDY (2 QTS)

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/12/2020
Sample Name	MW-11	Start Time	0952	
Condition of Well	GOOD			
Water Level	6.25	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	SL. CLOUDY, BROWN	
Volume Removed	8 QTS	WL at Sample Time	6.26	
Method of Sample	Low flow BLADDER	Sample Characteristics	SL. CLOUDY, BROWN TO CLEAR	
Sample Analysis	CCR, CCA PERMIT (ELUC)	Sample Time	1020	
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)
0958	6.25	6.94	11.2	.879	0.91	-89.5	22.83
1001	—	6.96	11.3	.878	0.56	-101.8	18.48
1004	—	6.98	11.2	.879	0.43	-107.4	14.07
1007	—	6.99	11.2	.879	0.33	-112.6	12.24
1010	—	6.99	11.2	.879	0.31	-113.7	12.84
1013	—	7.00	11.2	.879	0.30	-114.3	11.99
1016	6.26	7.00	11.2	.879	0.28	-115.4	11.30

SAMPLING NOTES:

- LET PURGE ~5 MIN BEFORE FIRST WATER QUALITY READING

Sampler Name and Company:

KPRG and Associates

KUS

PROJECT NAME	12313.2 - Waukegan Station		DATE	5/12/26
Sample Name	MW-14	Start Time	1107	
Condition of Well	GOOD			
Water Level	5.20	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLOUDY, ORANGE-BROWN TO STAY CLOUDY ORANGE-BROWN → BECOME LESS VISIBLE PARTICULATES BUT STILL CLOUDY	
Volume Removed	8 QTS	WL at Sample Time	5.25	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLOUDY, ORANGE-BROWN	
Sample Analysis	CCR, CCA PERMIT (ELUC)	Sample Time	1134	
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)
1118	5.20	7.29	10.4	.550	2.43	-2.9	464.68
1121	-	7.14	9.9	.559	0.86	-51.9	291.16
1124	-	7.12	9.9	.575	0.69	-60.4	243.67
1127	-	7.11	10.0	.594	0.63	-64.7	255.27
1130	---	7.11	10.0	.606	0.61	-66.2	137.00
1133	5.25	7.10	10.0	.617	0.57	-68.0	115.34

SAMPLING NOTES:

• LET PURGE ~10 MIN TO ALLOW PURGE TO CLEAR UP (3 QTS)

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	5/11/26
Sample Name	MW-116	Start Time	1527	
Condition of Well	GOOD			
Water Level	24.72	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow BLADDER	Purge Characteristics	CLOUDY BROWN TO CLEAR	
Volume Removed	5.5 QTS	WL at Sample Time	24.86	
Method of Sample	Low flow BLADDER	Sample Characteristics	CLEAR	
Sample Analysis	CCR	Sample Time	1547	
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)
1528	24.72	6.78	13.2	1.487	5.83	190.3	177.71
1531	—	6.61	13.4	1.765	3.64	193.5	364.89
1534	—	6.62	13.4	1.770	3.37	191.9	121.03
1537	—	6.63	13.4	1.767	3.32	190.4	81.53
1540	—	6.63	13.4	1.767	3.32	189.4	69.07
1543	24.86	6.63	13.3	1.769	3.36	188.4	16.97

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS