

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 1st 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, Wankegan Station, Wankegan, 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.081	< 0.0020	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	< 0.0050	0.043	< 0.0010	0.00061	0.094	< 0.0020	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	< 0.0050	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.083	< 0.0020	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	< 0.0020	0.063	0.482	0.039	< 0.0020	NA	
	12/8/2016	15	200	330	0.18	7.01	270	1300	< 0.0030	0.0040	0.016	< 0.0010	0.00052	< 0.0050	< 0.0010	< 0.0050	0.077	< 0.0020	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	< 0.0050	0.059	0.0018	< 0.0050	0.068	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.045	< 0.0020	0.51	< 0.342	0.0085	< 0.0020	NA	
	8/19/2017	21	220	430	0.13	7.18	610	1800	< 0.0030	0.0020	0.018	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.089	< 0.0020	0.31	< 0.916	0.021	< 0.0020	NA	
	9/13/2017	21	200	420	0.14	7.17	520	1800	< 0.0030	0.0067	0.019	< 0.0010	< 0.0050	0.052	0.0017	< 0.0050	0.069	< 0.0020	0.33	< 0.044	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.086	< 0.0020	0.47	< 0.625	0.042	< 0.0020	NA	
	5/31/2018	32	200	29	0.10	6.85	490	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA
	5/15/2019	26	120	260	0.13	7.53	31	1000	< 0.0030	< 0.0010	0.0073	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.035	< 0.0020	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	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	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	NA
	5/6/2021	31	170	35	0.12	7.51	420	910	< 0.0030	< 0.0010	0.0075	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.040	< 0.0020	0.47	< 0.614	0.023	< 0.0020	2.44	
	8/19/2021	7.2	150	170	0.13	7.01	210	350	< 0.0030	0.0019	0.015	< 0.0010	< 0.0050	< 0.0050	< 0.0010	0.066	< 0.0020	0.12	< 0.457	0.071	< 0.487	< 0.0020	77.36	
	11/4/2021	10	150	160	0.24	7.07	180	980	< 0.0030	0.0026	0.015	< 0.0010	< 0.0050	< 0.0050	< 0.0010	0.011	< 0.0050	0.060	< 0.0020	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	0.0076	< 0.0050	0.0038	< 0.0050	0.065	< 0.0020	0.21	< 0.523	0.036	< 0.0020	34.39	
	5/24/2022	5.3	150	180	0.23	7.15	200	940	< 0.0030	0.0019	0.020	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.054	< 0.0020	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	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.048	< 0.0020	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	< 0.0010	< 0.0050	< 0.0050	0.013	0.034	0.057	< 0.0020	0.088	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	NA
	2/14/2023	B 2.8	280	220	0.12	6.97	490	1500	< 0.0030	0.0011	0.074	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.062	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.045	< 0.0020	0.15	< 0.557	< 0.0025	< 0.0020	9.34	
	8/8/2023	A+ 20	270	380	0.23	6.98	510	1800	< 0.0030	0.0021	0.11	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.062	< 0.0020	0.35	< 0.754	< 0.0025	< 0.0020	18.85	
	11/28/2023	2.6	96	170	0.33	7.15	130	750	< 0.0030	0.0071	0.061	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.053	< 0.0020	0.049	0.652	< 0.0025	< 0.0020	27.24	
	2/6/2024	2.4	240	150	0.18	6.88	460	1300	< 0.0030	0.0035	0.12	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.20	< 0.0020	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	0.027	0.13	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.047	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.045	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.047	< 0.0020	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	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	*5- 0.051	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.040	< 0.0020	0.043	0.914	< 0.0025	< 0.0020	19.45	
	8/5/2025	8.0	150	230	0.40	6.98	110	800	< 0.0030	0.018	0.13	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.038	< 0.0020	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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.054	< 0.0020	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	NA	NA	NA	NA	NA	
2/10/2026	15	230	150	0.11	6.98	73	1300	< 0.0010	0.0046	0.091	< 0.0040	< 0.0050	< 0.0050	*5- < 0.0010	0.0015	0.056	< 0.0020	0.37	1.10	0.073	< 0.0040	27.21		
11/8/2015	5.2	140	240	0.13	6.51	190	1100	< 0.0030	0.77	0.039	< 0.0030	< 0.0050	< 0.0050	< 0.0010	0.010	0.055	< 0.0020	< 0.0050	0.656	< 0.0025	< 0.0020	NA		
3/2/2016	4.0	170	240	0.10	7.16	210	1200	< 0.0030	0.55	0.048	< 0.0010	< 0.0050	0.0058	< 0.0010	0.011	0.049	< 0.0020	< 0.0050	1.09	< 0.0025	< 0.0020	NA		
5/5/2016	5.0	140	280	0.11	7.08	160	1000	< 0.0030	0.51	0.038	< 0.0010	< 0.0050	0.0058	< 0.0010	< 0.0050	0.057	< 0.0020	< 0.0050	1.24	< 0.0025	< 0.0020	NA		
8/26/2016	3.5	180	240	0.13	6.97	110	1100	< 0.0030	1.1	0.050	< 0.0010	< 0.0050	0.0055	< 0.0010	0.0050	0.055	< 0.0020	< 0.0050	1.04	< 0.0025	< 0.0020	NA		
12/7/2016	3.0	170	270	0.12	7.06	110	1200	< 0.0030	0.049	0.087	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.038	< 0.0020	< 0.0050	1.87	< 0.0025	< 0.0020	NA		
2/24/2017	2.4	180	220	4.9	6.61	170	1200	< 0.0030	0.58	0.047	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	0.039	< 0.0020	< 0.0050	0.982	< 0.0025	< 0.0020	NA		
5/18/2017	1.8	160	170	0.12	7.42	120	1000	< 0.0030	0.50	0.047	< 0.0010	< 0.0050												

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Wankegan Station, Wankegan, 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	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.059	< 0.317	< 0.0025	< 0.0020	NA	
	5/4/2016	2.0	45	60	0.30	11.09	210	490	< 0.0030	0.11	0.017	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.065	< 0.478	0.0042	< 0.0020	NA	
	12/5/2016	2.2	55	65	0.34	10.46	180	560	< 0.0030	0.13	0.017	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.070	< 0.465	0.0025	< 0.0020	NA	
	2/21/2017	2.2	50	61	0.29	11.30	250	540	< 0.0030	0.15	0.016	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	0.065	0.014	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.047	< 0.383	0.0096	< 0.0020	NA	
	11/27/2017	2.7	84	43	0.11	0.85	330	470	< 0.0030	0.021	0.055	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	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	NA
	5/14/2019	2.2	56	45	0.18	9.85	250	560	< 0.0030	0.067	0.032	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	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	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	NA
	5/5/2021	< 5.0	66	67	0.22	9.00	180	430	< 0.0030	0.023	0.044	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	^A < 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	^A < 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	530	< 0.0030	0.023	0.037	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	^A < 0.0010	< 0.00020	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	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	370	370	< 0.0030	0.022	0.027	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.023	< 0.507	< 0.0025	< 0.0020	3.21	
	8/7/2023	^A 1.8	46	50	0.40	9.08	150	340	< 0.0030	0.022	0.027	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.020	< 0.474	< 0.0025	< 0.0020	3.15	
	11/27/2023	1.6	54	61	0.31	9.00	140	390	< 0.0030	0.023	0.033	^1 < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.018	< 0.560	< 0.0025	< 0.0020	3.74	
	2/5/2024	2.3	58	70	0.34	8.57	170	550	< 0.0030	0.022	0.033	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.025	< 0.403	< 0.0025	< 0.0020	4.31		
5/12/2025	2.2	63	82	0.26	7.66	160	450	< 0.0030	0.013	0.037	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.018	< 0.0771	0.0046	< 0.0020	4.02		
8/4/2025	1.8	45	FI 73	0.30	7.14	120	390	< 0.0030	0.015	0.027	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.027	< 0.580	< 0.0025	< 0.0020	8.42		
11/17/2025	2.2	45	72	0.33	7.78	150	390	< 0.0030	0.019	0.029	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0030	0.018	0.054	< 0.00040	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.030	< 0.284	0.0045	< 0.00040	12.45		
11/2/2015	3.0	47	47	0.78	8.27	230	460	< 0.0030	0.016	0.016	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.030	< 0.628	< 0.0025	< 0.0020	3.54		
3/1/2016	4.1	39	47	1.3	8.57	220	510	< 0.0030	0.011	0.020	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.078	0.529	< 0.0025	< 0.0020	NA		
5/4/2016	3.3	34	51	1.5	8.19	180	440	< 0.0030	0.0081	0.018	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.069	< 0.425	< 0.0025	< 0.0020	NA		
8/23/2016	3.1	42	59	1.3	7.52	250	500	< 0.0030	0.0082	0.016	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.071	0.509	< 0.0025	< 0.0020	NA		
2/21/2017	3.3	31	52	0.76	8.75	190	420	< 0.0030	0.028	0.012	< 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 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	^A < 0.0010	< 0.0050	< 0.0050	< 0.0010	< 0.0050	< 0.010	< 0.00020	0.047	0.425	0.0230	< 0.0020	NA		
7/5/2017	4.2	100																						

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Wankegan Station, Wankegan, 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	^A < 0.0010	< 0.0050	< 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	0.0017	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	220	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	^A < 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	0.034	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	0.028	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	0.027	0.053	^A < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	0.872	0.069	< 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	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	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	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	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	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	^A+ < 0.0010	< 0.00050	< 0.010	< 0.00020	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	^A+ < 0.010	< 0.00020	0.040	0.572	< 0.0025	< 0.0020	4.26	
	2/8/2022	3.1	110	38	0.66	7.61	190	660	< 0.0030	0.024	0.057	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.0076	< 0.00020	0.014	1.21	< 0.0025	< 0.0020	13.32	
	5/23/2022	2.5	81	41	0.61	8.05	150	510	< 0.0030	0.012	0.038	^A+ < 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	FI 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+ ^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 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	^A+ < 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	^A+ 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	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	< 0.474	0.0081	< 0.0020	3.73	
	5/21/2024	2.2	64	58	0.40	7.59	130	450	< 0.0030	0.0060	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	< 0.526	0.0045	< 0.0020	5.67	
	8/12/2024	3.2	210	55	0.35	6.89	420	1200	< 0.0030	0.0033	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	< 0.821	0.020	< 0.0020	6.33	
	11/11/2024	2.7	50	65	0.41	7.58	170	410	< 0.0030	0.011	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.632	< 0.0025	< 0.0020	3.79	
	2/5/2025	2.6	46	88	0.30	8.30	160	460	< 0.0030	0.025	0.012	< 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	FI 75	0.56	8.19	160	460	< 0.0030	0.010	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.054	< 0.454	< 0.0025	< 0.0020	8.14		
11/17/2025	3.0	18	79	0.83	8.71	180	450	< 0.0030	0.012	0.0081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 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	< 0.0030	0.022	< 0.0040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0062	< 0.010	< 0.00020	0.071	< 0.279	< 0.0025	< 0.00040	11.20		
MW-05 down-gradient	11/19/2025	18	280	48	0.27	6.98	420	1100	< 0.0030	0.026	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.12	1.38	< 0.0025	< 0.0020	29.94	
	2/11/2026	18	270	48	0.27	7.1	390	1100	< 0.0010	0.023	0.039	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.12	1.50	< 0.0025	< 0.00040	39.63	
MW-06 upgradient	11/19/2025	0.96	98	34	0.29	7.19	32	490	< 0.0030	0.0017	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	< 0.0050	0.951	< 0.0025	< 0.0020	23.34	
	2/11/2026	3.10	180	32	0.24	7.05	770	690	< 0.0010	0.0011	0.098	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.050	1.14	< 0.0025	< 0.00040	53.05	
MW-07 down-gradient	11/19/2025	34	390	36	0.33	7.02	670	1600	< 0.0030	0.0075	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.17	1.96	< 0.0025	< 0.0020	28.89	
	2/11/2026	31	350	32	0.31	7.14	590	1300	< 0.0010	0.0067	0.052	< 0.00040	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.14	1.67	< 0.0025	< 0.00040	89.45	
MW-16 down-gradient	11/3/2015	4.1	230	87	0.43	6.24	610	1400	< 0.0030	0.010	0.047	^A < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.0005								



ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/25/2026 10:43:58 AM

JOB DESCRIPTION

Waukegan CCR

JOB NUMBER

500-281584-1

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

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

Job ID: 500-281584-1

Job ID: 500-281584-1

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Job Narrative 500-281584-1

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 2/10/2026 9:30 AM, 2/11/2026 9:35 AM and 2/12/2026 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 -0.5°C, -0.4°C and 0.6°C.

Metals

Method 6020B - Total Recoverable: The Linear Range Check ((LRC 500-853636/15)) for analytical batch 853636 recovered outside of control limits for Cobalt and Silver. Sample results for the affected analytes within the high calibration standard are qualified and reported.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-09 (500-281584-5), MW-16 (500-281584-8), (500-281584-A-5-B DU), (500-281584-A-5-C MS), (500-281584-A-5-D MSD) and (500-281584-A-5-A SD). 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

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.

Eurofins Chicago

Method Summary

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

Job ID: 500-281584-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9038	Sulfate, Turbidimetric	SW846	EET CF
9251	Chloride	SW846	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	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 CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

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: 500-281584-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-281584-1	MW-01	Water	02/09/26 11:45	02/10/26 09:30	Illinois
500-281584-2	MW-02	Water	02/09/26 13:04	02/10/26 09:30	Illinois
500-281584-3	MW-03	Water	02/09/26 14:26	02/10/26 09:30	Illinois
500-281584-4	MW-04	Water	02/09/26 15:23	02/10/26 09:30	Illinois
500-281584-5	MW-09	Water	02/10/26 14:05	02/11/26 09:35	Illinois
500-281584-6	MW-11	Water	02/10/26 11:56	02/11/26 09:35	Illinois
500-281584-7	MW-14	Water	02/10/26 10:42	02/11/26 09:35	Illinois
500-281584-8	MW-16	Water	02/10/26 13:00	02/11/26 09:35	Illinois
500-281584-9	MW-07	Water	02/11/26 11:18	02/12/26 09:00	Illinois
500-281584-10	Duplicate	Water	02/11/26 00:00	02/12/26 09:00	Illinois
500-281584-11	MW-05	Water	02/11/26 10:23	02/12/26 09:00	Illinois
500-281584-12	MW-06	Water	02/11/26 12:22	02/12/26 09:00	Illinois



Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-01

Lab Sample ID: 500-281584-1

Date Collected: 02/09/26 11:45

Matrix: Water

Date Received: 02/10/26 09:30

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		02/10/26 16:01	02/12/26 15:06	1
Arsenic	16		1.0		ug/L		02/10/26 16:01	02/12/26 15:06	1
Barium	54		2.5		ug/L		02/10/26 16:01	02/12/26 15:06	1
Beryllium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:06	1
Boron	2400		50		ug/L		02/10/26 16:01	02/16/26 15:29	1
Cadmium	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:06	1
Calcium	61		0.20		mg/L		02/10/26 16:01	02/12/26 15:06	1
Chromium	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 15:06	1
Cobalt	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 15:06	1
Lead	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:06	1
Lithium	<10		10		ug/L		02/10/26 16:01	02/13/26 17:01	1
Molybdenum	30		5.0		ug/L		02/10/26 16:01	02/12/26 15:06	1
Selenium	4.5		2.5		ug/L		02/10/26 16:01	02/12/26 15:06	1
Thallium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	150		50		mg/L			02/20/26 12:39	10
Chloride (SW846 9251)	69		2.0		mg/L			02/17/26 20:02	1
Total Dissolved Solids (SM 2540C)	490		10		mg/L			02/16/26 01:38	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			02/16/26 12:32	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.59				SU			02/09/26 11:45	1
Field Temperature	54.7				Degrees F			02/09/26 11:45	1
Groundwater Elevation	580.44				ft			02/09/26 11:45	1
Oxidation Reduction Potential	110.5				millivolts			02/09/26 11:45	1
Oxygen, Dissolved	0.69				mg/L			02/09/26 11:45	1
Specific Conductance	0.732				mS/cm			02/09/26 11:45	1
Turbidity	12.45				NTU			02/09/26 11:45	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-02

Lab Sample ID: 500-281584-2

Date Collected: 02/09/26 13:04

Matrix: Water

Date Received: 02/10/26 09:30

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		02/10/26 16:01	02/12/26 15:09	1
Arsenic	7.6		1.0		ug/L		02/10/26 16:01	02/12/26 15:09	1
Barium	17		2.5		ug/L		02/10/26 16:01	02/12/26 15:09	1
Beryllium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:09	1
Boron	2800		50		ug/L		02/10/26 16:01	02/16/26 15:32	1
Cadmium	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:09	1
Calcium	43		0.20		mg/L		02/10/26 16:01	02/12/26 15:09	1
Chromium	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 15:09	1
Cobalt	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 15:09	1
Lead	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:09	1
Lithium	<10		10		ug/L		02/10/26 16:01	02/13/26 17:04	1
Molybdenum	37		5.0		ug/L		02/10/26 16:01	02/12/26 15:09	1
Selenium	<2.5		2.5		ug/L		02/10/26 16:01	02/12/26 15:09	1
Thallium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	180		50		mg/L			02/20/26 12:39	10
Chloride (SW846 9251)	79		2.0		mg/L			02/17/26 20:03	1
Total Dissolved Solids (SM 2540C)	510		10		mg/L			02/16/26 01:40	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			02/16/26 12:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.27				SU			02/09/26 13:04	1
Field Temperature	55.0				Degrees F			02/09/26 13:04	1
Groundwater Elevation	580.39				ft			02/09/26 13:04	1
Oxidation Reduction Potential	-58.0				millivolts			02/09/26 13:04	1
Oxygen, Dissolved	0.29				mg/L			02/09/26 13:04	1
Specific Conductance	0.752				mS/cm			02/09/26 13:04	1
Turbidity	10.22				NTU			02/09/26 13:04	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-03

Lab Sample ID: 500-281584-3

Date Collected: 02/09/26 14:26

Matrix: Water

Date Received: 02/10/26 09:30

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		02/10/26 16:01	02/12/26 15:12	1
Arsenic	17		1.0		ug/L		02/10/26 16:01	02/12/26 15:12	1
Barium	6.2		2.5		ug/L		02/10/26 16:01	02/12/26 15:12	1
Beryllium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:12	1
Boron	2800		50		ug/L		02/10/26 16:01	02/16/26 15:35	1
Cadmium	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:12	1
Calcium	40		0.20		mg/L		02/10/26 16:01	02/12/26 15:12	1
Chromium	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 15:12	1
Cobalt	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 15:12	1
Lead	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:12	1
Lithium	<10		10		ug/L		02/10/26 16:01	02/13/26 17:07	1
Molybdenum	49		5.0		ug/L		02/10/26 16:01	02/12/26 15:12	1
Selenium	<2.5		2.5		ug/L		02/10/26 16:01	02/12/26 15:12	1
Thallium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	170		50		mg/L			02/20/26 12:39	10
Chloride (SW846 9251)	71		2.0		mg/L			02/17/26 20:04	1
Total Dissolved Solids (SM 2540C)	440		10		mg/L			02/16/26 01:43	1
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			02/16/26 12:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	9.83				SU			02/09/26 14:26	1
Field Temperature	55.4				Degrees F			02/09/26 14:26	1
Groundwater Elevation	580.26				ft			02/09/26 14:26	1
Oxidation Reduction Potential	-95.2				millivolts			02/09/26 14:26	1
Oxygen, Dissolved	0.33				mg/L			02/09/26 14:26	1
Specific Conductance	0.649				mS/cm			02/09/26 14:26	1
Turbidity	12.16				NTU			02/09/26 14:26	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-04

Lab Sample ID: 500-281584-4

Date Collected: 02/09/26 15:23

Matrix: Water

Date Received: 02/10/26 09:30

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		02/10/26 16:01	02/12/26 15:15	1
Arsenic	18		1.0		ug/L		02/10/26 16:01	02/12/26 15:15	1
Barium	22		2.5		ug/L		02/10/26 16:01	02/12/26 15:15	1
Beryllium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:15	1
Boron	3100		50		ug/L		02/10/26 16:01	02/16/26 15:38	1
Cadmium	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 15:15	1
Calcium	45		0.20		mg/L		02/10/26 16:01	02/12/26 15:15	1
Chromium	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 15:15	1
Cobalt	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 15:15	1
Lead	0.62		0.50		ug/L		02/10/26 16:01	02/12/26 15:15	1
Lithium	<10		10		ug/L		02/10/26 16:01	02/13/26 17:10	1
Molybdenum	71		5.0		ug/L		02/10/26 16:01	02/12/26 15:15	1
Selenium	<2.5		2.5		ug/L		02/10/26 16:01	02/12/26 15:15	1
Thallium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 15:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	370		250		mg/L			02/20/26 13:06	50
Chloride (SW846 9251)	66		2.0		mg/L			02/17/26 20:05	1
Total Dissolved Solids (SM 2540C)	660		10		mg/L			02/16/26 01:46	1
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			02/16/26 12:42	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.45				SU			02/09/26 15:23	1
Field Temperature	55.0				Degrees F			02/09/26 15:23	1
Groundwater Elevation	579.93				ft			02/09/26 15:23	1
Oxidation Reduction Potential	-212.7				millivolts			02/09/26 15:23	1
Oxygen, Dissolved	0.28				mg/L			02/09/26 15:23	1
Specific Conductance	0.910				mS/cm			02/09/26 15:23	1
Turbidity	11.2				NTU			02/09/26 15:23	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-09

Lab Sample ID: 500-281584-5

Date Collected: 02/10/26 14:05

Matrix: Water

Date Received: 02/11/26 09:35

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		02/12/26 08:16	02/13/26 18:52	1
Arsenic	4.6		1.0		ug/L		02/12/26 08:16	02/13/26 18:52	1
Barium	91		2.5		ug/L		02/12/26 08:16	02/13/26 18:52	1
Beryllium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 18:52	1
Boron	15000		500		ug/L		02/12/26 08:16	02/16/26 15:47	10
Cadmium	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 18:52	1
Calcium	230		0.20		mg/L		02/12/26 08:16	02/13/26 18:52	1
Chromium	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 18:52	1
Cobalt	<1.0	^5-	1.0		ug/L		02/12/26 08:16	02/13/26 18:52	1
Lead	1.5		0.50		ug/L		02/12/26 08:16	02/13/26 18:52	1
Lithium	56		10		ug/L		02/12/26 08:16	02/13/26 18:52	1
Molybdenum	370		5.0		ug/L		02/12/26 08:16	02/13/26 18:52	1
Selenium	73		2.5		ug/L		02/12/26 08:16	02/13/26 18:52	1
Thallium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 18:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	73		25		mg/L			02/20/26 12:50	5
Chloride (SW846 9251)	150		20		mg/L			02/17/26 20:05	10
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			02/16/26 02:59	1
Fluoride (SM 4500 F C)	0.11		0.10		mg/L			02/16/26 12:45	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			02/10/26 14:05	1
Field Temperature	53.2				Degrees F			02/10/26 14:05	1
Groundwater Elevation	583.06				ft			02/10/26 14:05	1
Oxidation Reduction Potential	64.8				millivolts			02/10/26 14:05	1
Oxygen, Dissolved	2.26				mg/L			02/10/26 14:05	1
Specific Conductance	1.567				mS/cm			02/10/26 14:05	1
Turbidity	27.21				NTU			02/10/26 14:05	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-11

Lab Sample ID: 500-281584-6

Date Collected: 02/10/26 11:56

Matrix: Water

Date Received: 02/11/26 09:35

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		02/12/26 08:16	02/13/26 19:55	1
Arsenic	720		1.0		ug/L		02/12/26 08:16	02/13/26 19:55	1
Barium	49		2.5		ug/L		02/12/26 08:16	02/13/26 19:55	1
Beryllium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 19:55	1
Boron	1700		50		ug/L		02/12/26 08:16	02/16/26 16:07	1
Cadmium	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 19:55	1
Calcium	120		0.20		mg/L		02/12/26 08:16	02/13/26 19:55	1
Chromium	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 19:55	1
Cobalt	<1.0	^5-	1.0		ug/L		02/12/26 08:16	02/13/26 19:55	1
Lead	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 19:55	1
Lithium	30		10		ug/L		02/12/26 08:16	02/13/26 19:55	1
Molybdenum	5.4		5.0		ug/L		02/12/26 08:16	02/13/26 19:55	1
Selenium	<2.5		2.5		ug/L		02/12/26 08:16	02/13/26 19:55	1
Thallium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 19:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	250		130		mg/L			02/20/26 13:06	25
Chloride (SW846 9251)	120		20		mg/L			02/17/26 20:06	10
Total Dissolved Solids (SM 2540C)	680		10		mg/L			02/16/26 03:06	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			02/16/26 12:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			02/10/26 11:56	1
Field Temperature	49.8				Degrees F			02/10/26 11:56	1
Groundwater Elevation	583.70				ft			02/10/26 11:56	1
Oxidation Reduction Potential	-111.7				millivolts			02/10/26 11:56	1
Oxygen, Dissolved	0.36				mg/L			02/10/26 11:56	1
Specific Conductance	1.101				mS/cm			02/10/26 11:56	1
Turbidity	130.05				NTU			02/10/26 11:56	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-14

Lab Sample ID: 500-281584-7

Date Collected: 02/10/26 10:42

Matrix: Water

Date Received: 02/11/26 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		1.0		ug/L		02/12/26 08:16	02/13/26 19:58	1
Arsenic	1700		1.0		ug/L		02/12/26 08:16	02/13/26 19:58	1
Barium	48		2.5		ug/L		02/12/26 08:16	02/13/26 19:58	1
Beryllium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 19:58	1
Boron	620		50		ug/L		02/12/26 08:16	02/16/26 16:09	1
Cadmium	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 19:58	1
Calcium	160		0.20		mg/L		02/12/26 08:16	02/13/26 19:58	1
Chromium	250		5.0		ug/L		02/12/26 08:16	02/13/26 19:58	1
Cobalt	<1.0	^5-	1.0		ug/L		02/12/26 08:16	02/13/26 19:58	1
Lead	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 19:58	1
Lithium	17		10		ug/L		02/12/26 08:16	02/13/26 19:58	1
Molybdenum	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 19:58	1
Selenium	2.5		2.5		ug/L		02/12/26 08:16	02/13/26 19:58	1
Thallium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 19:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	17		5.0		mg/L			02/20/26 12:51	1
Chloride (SW846 9251)	31		2.0		mg/L			02/17/26 20:06	1
Total Dissolved Solids (SM 2540C)	660		10		mg/L			02/16/26 03:12	1
Fluoride (SM 4500 F C)	0.17		0.10		mg/L			02/16/26 12:52	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			02/10/26 10:42	1
Field Temperature	46.9				Degrees F			02/10/26 10:42	1
Groundwater Elevation	584.08				ft			02/10/26 10:42	1
Oxidation Reduction Potential	-124.3				millivolts			02/10/26 10:42	1
Oxygen, Dissolved	0.23				mg/L			02/10/26 10:42	1
Specific Conductance	1.080				mS/cm			02/10/26 10:42	1
Turbidity	38.54				NTU			02/10/26 10:42	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-16

Lab Sample ID: 500-281584-8

Date Collected: 02/10/26 13:00

Matrix: Water

Date Received: 02/11/26 09:35

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		02/12/26 08:16	02/13/26 20:01	1
Arsenic	3.2		1.0		ug/L		02/12/26 08:16	02/13/26 20:01	1
Barium	49		2.5		ug/L		02/12/26 08:16	02/13/26 20:01	1
Beryllium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 20:01	1
Boron	9800		500		ug/L		02/12/26 08:16	02/16/26 16:12	10
Cadmium	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 20:01	1
Calcium	200		0.20		mg/L		02/12/26 08:16	02/13/26 20:01	1
Chromium	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 20:01	1
Cobalt	1.7	^5-	1.0		ug/L		02/12/26 08:16	02/13/26 20:01	1
Lead	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 20:01	1
Lithium	22		10		ug/L		02/12/26 08:16	02/13/26 20:01	1
Molybdenum	13		5.0		ug/L		02/12/26 08:16	02/13/26 20:01	1
Selenium	<2.5		2.5		ug/L		02/12/26 08:16	02/13/26 20:01	1
Thallium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 20:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	430		100		mg/L			02/20/26 12:52	20
Chloride (SW846 9251)	110		20		mg/L			02/17/26 20:07	10
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			02/16/26 03:14	1
Fluoride (SM 4500 F C)	0.47		0.10		mg/L			02/16/26 13:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99				SU			02/10/26 13:00	1
Field Temperature	55.8				Degrees F			02/10/26 13:00	1
Groundwater Elevation	579.22				ft			02/10/26 13:00	1
Oxidation Reduction Potential	-26.2				millivolts			02/10/26 13:00	1
Oxygen, Dissolved	0.47				mg/L			02/10/26 13:00	1
Specific Conductance	1.425				mS/cm			02/10/26 13:00	1
Turbidity	65.00				NTU			02/10/26 13:00	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-07

Lab Sample ID: 500-281584-9

Date Collected: 02/11/26 11:18

Matrix: Water

Date Received: 02/12/26 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		02/13/26 08:05	02/16/26 12:15	1
Arsenic	6.7		1.0		ug/L		02/13/26 08:05	02/16/26 12:15	1
Barium	52		2.5		ug/L		02/13/26 08:05	02/16/26 12:15	1
Beryllium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:15	1
Boron	31000		1000		ug/L		02/13/26 08:05	02/17/26 13:14	20
Cadmium	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:15	1
Calcium	350		4.0		mg/L		02/13/26 08:05	02/17/26 13:14	20
Chromium	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:15	1
Cobalt	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:15	1
Lead	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:15	1
Lithium	150		10		ug/L		02/13/26 08:05	02/16/26 12:15	1
Molybdenum	140		5.0		ug/L		02/13/26 08:05	02/16/26 12:15	1
Selenium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:15	1
Thallium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/13/26 10:20	02/16/26 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	590		100		mg/L			02/20/26 12:52	20
Chloride (SW846 9251)	32		2.0		mg/L			02/17/26 20:10	1
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			02/17/26 04:52	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			02/16/26 13:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			02/11/26 11:18	1
Field Temperature	53.4				Degrees F			02/11/26 11:18	1
Groundwater Elevation	580.07				ft			02/11/26 11:18	1
Oxidation Reduction Potential	-123.2				millivolts			02/11/26 11:18	1
Oxygen, Dissolved	0.48				mg/L			02/11/26 11:18	1
Specific Conductance	1.573				mS/cm			02/11/26 11:18	1
Turbidity	89.45				NTU			02/11/26 11:18	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: Duplicate

Lab Sample ID: 500-281584-10

Date Collected: 02/11/26 00:00

Matrix: Water

Date Received: 02/12/26 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		02/13/26 08:05	02/16/26 12:23	1
Arsenic	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:23	1
Barium	95		2.5		ug/L		02/13/26 08:05	02/16/26 12:23	1
Beryllium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:23	1
Boron	2600		50		ug/L		02/13/26 08:05	02/17/26 13:17	1
Cadmium	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:23	1
Calcium	160		0.20		mg/L		02/13/26 08:05	02/16/26 12:23	1
Chromium	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:23	1
Cobalt	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:23	1
Lead	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:23	1
Lithium	48		10		ug/L		02/13/26 08:05	02/16/26 12:23	1
Molybdenum	40		5.0		ug/L		02/13/26 08:05	02/16/26 12:23	1
Selenium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:23	1
Thallium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/13/26 10:20	02/16/26 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	150		25		mg/L			02/20/26 14:57	5
Chloride (SW846 9251)	33		2.0		mg/L			02/17/26 20:10	1
Total Dissolved Solids (SM 2540C)	720		10		mg/L			02/17/26 04:55	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			02/16/26 13:10	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-05

Lab Sample ID: 500-281584-11

Date Collected: 02/11/26 10:23

Matrix: Water

Date Received: 02/12/26 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		02/13/26 08:05	02/16/26 12:26	1
Arsenic	23		1.0		ug/L		02/13/26 08:05	02/16/26 12:26	1
Barium	39		2.5		ug/L		02/13/26 08:05	02/16/26 12:26	1
Beryllium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:26	1
Boron	18000		1000		ug/L		02/13/26 08:05	02/17/26 13:19	20
Cadmium	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:26	1
Calcium	270		4.0		mg/L		02/13/26 08:05	02/17/26 13:19	20
Chromium	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:26	1
Cobalt	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:26	1
Lead	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:26	1
Lithium	100		10		ug/L		02/13/26 08:05	02/16/26 12:26	1
Molybdenum	120		5.0		ug/L		02/13/26 08:05	02/16/26 12:26	1
Selenium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:26	1
Thallium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/13/26 10:20	02/16/26 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	390		100		mg/L			02/20/26 12:53	20
Chloride (SW846 9251)	48		2.0		mg/L			02/17/26 20:11	1
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			02/17/26 04:57	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			02/16/26 13:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			02/11/26 10:23	1
Field Temperature	53.1				Degrees F			02/11/26 10:23	1
Groundwater Elevation	581.53				ft			02/11/26 10:23	1
Oxidation Reduction Potential	-113.4				millivolts			02/11/26 10:23	1
Oxygen, Dissolved	0.46				mg/L			02/11/26 10:23	1
Specific Conductance	1.309				mS/cm			02/11/26 10:23	1
Turbidity	39.63				NTU			02/11/26 10:23	1

Client Sample Results

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

Job ID: 500-281584-1

Client Sample ID: MW-06

Lab Sample ID: 500-281584-12

Date Collected: 02/11/26 12:22

Matrix: Water

Date Received: 02/12/26 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		02/13/26 08:05	02/16/26 12:38	1
Arsenic	1.1		1.0		ug/L		02/13/26 08:05	02/16/26 12:38	1
Barium	98		2.5		ug/L		02/13/26 08:05	02/16/26 12:38	1
Beryllium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:38	1
Boron	3100		50		ug/L		02/13/26 08:05	02/17/26 13:22	1
Cadmium	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:38	1
Calcium	180		0.20		mg/L		02/13/26 08:05	02/16/26 12:38	1
Chromium	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:38	1
Cobalt	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:38	1
Lead	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:38	1
Lithium	47		10		ug/L		02/13/26 08:05	02/16/26 12:38	1
Molybdenum	50		5.0		ug/L		02/13/26 08:05	02/16/26 12:38	1
Selenium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:38	1
Thallium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		02/13/26 10:20	02/16/26 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	770		130		mg/L			02/20/26 13:08	25
Chloride (SW846 9251)	32		2.0		mg/L			02/17/26 20:11	1
Total Dissolved Solids (SM 2540C)	690		10		mg/L			02/17/26 05:00	1
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			02/16/26 13:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.05				SU			02/11/26 12:22	1
Field Temperature	44.8				Degrees F			02/11/26 12:22	1
Groundwater Elevation	581.79				ft			02/11/26 12:22	1
Oxidation Reduction Potential	-72.4				millivolts			02/11/26 12:22	1
Oxygen, Dissolved	0.49				mg/L			02/11/26 12:22	1
Specific Conductance	1.037				mS/cm			02/11/26 12:22	1
Turbidity	53.05				NTU			02/11/26 12:22	1

Definitions/Glossary

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

Job ID: 500-281584-1

Qualifiers

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

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

Glossary

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

QC Association Summary

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

Job ID: 500-281584-1

Metals

Prep Batch: 853070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total Recoverable	Water	3005A	
500-281584-2	MW-02	Total Recoverable	Water	3005A	
500-281584-3	MW-03	Total Recoverable	Water	3005A	
500-281584-4	MW-04	Total Recoverable	Water	3005A	
MB 500-853070/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-853070/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 853305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-5	MW-09	Total Recoverable	Water	3005A	
500-281584-6	MW-11	Total Recoverable	Water	3005A	
500-281584-7	MW-14	Total Recoverable	Water	3005A	
500-281584-8	MW-16	Total Recoverable	Water	3005A	
MB 500-853305/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-853305/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-281584-5 MS	MW-09	Total Recoverable	Water	3005A	
500-281584-5 MSD	MW-09	Total Recoverable	Water	3005A	
500-281584-5 DU	MW-09	Total Recoverable	Water	3005A	

Prep Batch: 853346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	7470A	
500-281584-2	MW-02	Total/NA	Water	7470A	
500-281584-3	MW-03	Total/NA	Water	7470A	
500-281584-4	MW-04	Total/NA	Water	7470A	
500-281584-5	MW-09	Total/NA	Water	7470A	
500-281584-6	MW-11	Total/NA	Water	7470A	
500-281584-7	MW-14	Total/NA	Water	7470A	
500-281584-8	MW-16	Total/NA	Water	7470A	
MB 500-853346/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-853346/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-281584-6 MS	MW-11	Total/NA	Water	7470A	
500-281584-6 MSD	MW-11	Total/NA	Water	7470A	
500-281584-6 DU	MW-11	Total/NA	Water	7470A	

Prep Batch: 853492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total Recoverable	Water	3005A	
500-281584-10	Duplicate	Total Recoverable	Water	3005A	
500-281584-11	MW-05	Total Recoverable	Water	3005A	
500-281584-12	MW-06	Total Recoverable	Water	3005A	
MB 500-853492/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-853492/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 853505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total Recoverable	Water	6020B	853070
500-281584-2	MW-02	Total Recoverable	Water	6020B	853070
500-281584-3	MW-03	Total Recoverable	Water	6020B	853070
500-281584-4	MW-04	Total Recoverable	Water	6020B	853070
MB 500-853070/1-A	Method Blank	Total Recoverable	Water	6020B	853070

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QC Association Summary

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

Job ID: 500-281584-1

Metals (Continued)

Analysis Batch: 853505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-853070/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853070

Prep Batch: 853525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total/NA	Water	7470A	
500-281584-10	Duplicate	Total/NA	Water	7470A	
500-281584-11	MW-05	Total/NA	Water	7470A	
500-281584-12	MW-06	Total/NA	Water	7470A	
MB 500-853525/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-853525/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-281584-12 MS	MW-06	Total/NA	Water	7470A	
500-281584-12 MSD	MW-06	Total/NA	Water	7470A	
500-281584-12 DU	MW-06	Total/NA	Water	7470A	

Analysis Batch: 853540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	7470A	853346
500-281584-2	MW-02	Total/NA	Water	7470A	853346
500-281584-3	MW-03	Total/NA	Water	7470A	853346
500-281584-4	MW-04	Total/NA	Water	7470A	853346
500-281584-5	MW-09	Total/NA	Water	7470A	853346
500-281584-6	MW-11	Total/NA	Water	7470A	853346
500-281584-7	MW-14	Total/NA	Water	7470A	853346
500-281584-8	MW-16	Total/NA	Water	7470A	853346
MB 500-853346/12-A	Method Blank	Total/NA	Water	7470A	853346
LCS 500-853346/13-A	Lab Control Sample	Total/NA	Water	7470A	853346
500-281584-6 MS	MW-11	Total/NA	Water	7470A	853346
500-281584-6 MSD	MW-11	Total/NA	Water	7470A	853346
500-281584-6 DU	MW-11	Total/NA	Water	7470A	853346

Analysis Batch: 853636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total Recoverable	Water	6020B	853070
500-281584-2	MW-02	Total Recoverable	Water	6020B	853070
500-281584-3	MW-03	Total Recoverable	Water	6020B	853070
500-281584-4	MW-04	Total Recoverable	Water	6020B	853070
500-281584-5	MW-09	Total Recoverable	Water	6020B	853305
500-281584-6	MW-11	Total Recoverable	Water	6020B	853305
500-281584-7	MW-14	Total Recoverable	Water	6020B	853305
500-281584-8	MW-16	Total Recoverable	Water	6020B	853305
MB 500-853070/1-A	Method Blank	Total Recoverable	Water	6020B	853070
MB 500-853305/1-A	Method Blank	Total Recoverable	Water	6020B	853305
LCS 500-853070/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853070
LCS 500-853305/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853305
500-281584-5 MS	MW-09	Total Recoverable	Water	6020B	853305
500-281584-5 MSD	MW-09	Total Recoverable	Water	6020B	853305
500-281584-5 DU	MW-09	Total Recoverable	Water	6020B	853305

Analysis Batch: 853674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total/NA	Water	7470A	853525

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QC Association Summary

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

Job ID: 500-281584-1

Metals (Continued)

Analysis Batch: 853674 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-10	Duplicate	Total/NA	Water	7470A	853525
500-281584-11	MW-05	Total/NA	Water	7470A	853525
500-281584-12	MW-06	Total/NA	Water	7470A	853525
MB 500-853525/12-A	Method Blank	Total/NA	Water	7470A	853525
LCS 500-853525/13-A	Lab Control Sample	Total/NA	Water	7470A	853525
500-281584-12 MS	MW-06	Total/NA	Water	7470A	853525
500-281584-12 MSD	MW-06	Total/NA	Water	7470A	853525
500-281584-12 DU	MW-06	Total/NA	Water	7470A	853525

Analysis Batch: 853819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total Recoverable	Water	6020B	853070
500-281584-2	MW-02	Total Recoverable	Water	6020B	853070
500-281584-3	MW-03	Total Recoverable	Water	6020B	853070
500-281584-4	MW-04	Total Recoverable	Water	6020B	853070
500-281584-9	MW-07	Total Recoverable	Water	6020B	853492
500-281584-10	Duplicate	Total Recoverable	Water	6020B	853492
500-281584-11	MW-05	Total Recoverable	Water	6020B	853492
500-281584-12	MW-06	Total Recoverable	Water	6020B	853492
MB 500-853492/1-A	Method Blank	Total Recoverable	Water	6020B	853492
LCS 500-853492/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853492

Analysis Batch: 853825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-5	MW-09	Total Recoverable	Water	6020B	853305
500-281584-6	MW-11	Total Recoverable	Water	6020B	853305
500-281584-7	MW-14	Total Recoverable	Water	6020B	853305
500-281584-8	MW-16	Total Recoverable	Water	6020B	853305
MB 500-853305/1-A	Method Blank	Total Recoverable	Water	6020B	853305
LCS 500-853305/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853305
500-281584-5 MS	MW-09	Total Recoverable	Water	6020B	853305
500-281584-5 MSD	MW-09	Total Recoverable	Water	6020B	853305
500-281584-5 DU	MW-09	Total Recoverable	Water	6020B	853305

Analysis Batch: 854029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total Recoverable	Water	6020B	853492
500-281584-10	Duplicate	Total Recoverable	Water	6020B	853492
500-281584-11	MW-05	Total Recoverable	Water	6020B	853492
500-281584-12	MW-06	Total Recoverable	Water	6020B	853492
MB 500-853492/1-A	Method Blank	Total Recoverable	Water	6020B	853492
LCS 500-853492/2-A	Lab Control Sample	Total Recoverable	Water	6020B	853492

General Chemistry

Analysis Batch: 481145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	9251	
500-281584-2	MW-02	Total/NA	Water	9251	
500-281584-3	MW-03	Total/NA	Water	9251	
500-281584-4	MW-04	Total/NA	Water	9251	

QC Association Summary

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

Job ID: 500-281584-1

General Chemistry (Continued)

Analysis Batch: 481145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-5	MW-09	Total/NA	Water	9251	
500-281584-6	MW-11	Total/NA	Water	9251	
500-281584-7	MW-14	Total/NA	Water	9251	
500-281584-8	MW-16	Total/NA	Water	9251	
500-281584-9	MW-07	Total/NA	Water	9251	
500-281584-10	Duplicate	Total/NA	Water	9251	
500-281584-11	MW-05	Total/NA	Water	9251	
500-281584-12	MW-06	Total/NA	Water	9251	
MB 310-481145/16	Method Blank	Total/NA	Water	9251	
MB 310-481145/46	Method Blank	Total/NA	Water	9251	
LCS 310-481145/14	Lab Control Sample	Total/NA	Water	9251	
LCS 310-481145/45	Lab Control Sample	Total/NA	Water	9251	
500-281584-8 MS	MW-16	Total/NA	Water	9251	
500-281584-8 MSD	MW-16	Total/NA	Water	9251	

Analysis Batch: 481452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	9038	
500-281584-2	MW-02	Total/NA	Water	9038	
500-281584-3	MW-03	Total/NA	Water	9038	
500-281584-4	MW-04	Total/NA	Water	9038	
500-281584-5	MW-09	Total/NA	Water	9038	
500-281584-6	MW-11	Total/NA	Water	9038	
500-281584-7	MW-14	Total/NA	Water	9038	
500-281584-8	MW-16	Total/NA	Water	9038	
500-281584-9	MW-07	Total/NA	Water	9038	
500-281584-10	Duplicate	Total/NA	Water	9038	
500-281584-11	MW-05	Total/NA	Water	9038	
500-281584-12	MW-06	Total/NA	Water	9038	
MB 310-481452/16	Method Blank	Total/NA	Water	9038	
MB 310-481452/46	Method Blank	Total/NA	Water	9038	
LCS 310-481452/17	Lab Control Sample	Total/NA	Water	9038	
LCS 310-481452/47	Lab Control Sample	Total/NA	Water	9038	

Analysis Batch: 853614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	SM 2540C	
500-281584-2	MW-02	Total/NA	Water	SM 2540C	
500-281584-3	MW-03	Total/NA	Water	SM 2540C	
500-281584-4	MW-04	Total/NA	Water	SM 2540C	
MB 500-853614/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-853614/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 853616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-5	MW-09	Total/NA	Water	SM 2540C	
500-281584-6	MW-11	Total/NA	Water	SM 2540C	
500-281584-7	MW-14	Total/NA	Water	SM 2540C	
500-281584-8	MW-16	Total/NA	Water	SM 2540C	
MB 500-853616/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-853616/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Eurofins Chicago

QC Association Summary

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

Job ID: 500-281584-1

General Chemistry (Continued)

Analysis Batch: 853616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-5 MS	MW-09	Total/NA	Water	SM 2540C	
500-281584-5 DU	MW-09	Total/NA	Water	SM 2540C	
500-281584-6 DU	MW-11	Total/NA	Water	SM 2540C	

Analysis Batch: 853780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	SM 4500 F C	
500-281584-2	MW-02	Total/NA	Water	SM 4500 F C	
500-281584-3	MW-03	Total/NA	Water	SM 4500 F C	
500-281584-4	MW-04	Total/NA	Water	SM 4500 F C	
500-281584-5	MW-09	Total/NA	Water	SM 4500 F C	
500-281584-6	MW-11	Total/NA	Water	SM 4500 F C	
500-281584-7	MW-14	Total/NA	Water	SM 4500 F C	
500-281584-8	MW-16	Total/NA	Water	SM 4500 F C	
500-281584-9	MW-07	Total/NA	Water	SM 4500 F C	
500-281584-10	Duplicate	Total/NA	Water	SM 4500 F C	
500-281584-11	MW-05	Total/NA	Water	SM 4500 F C	
500-281584-12	MW-06	Total/NA	Water	SM 4500 F C	
MB 500-853780/21	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-853780/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-853780/22	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-853780/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-281584-12 MS	MW-06	Total/NA	Water	SM 4500 F C	
500-281584-12 MSD	MW-06	Total/NA	Water	SM 4500 F C	

Analysis Batch: 853786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total/NA	Water	SM 2540C	
500-281584-10	Duplicate	Total/NA	Water	SM 2540C	
500-281584-11	MW-05	Total/NA	Water	SM 2540C	
500-281584-12	MW-06	Total/NA	Water	SM 2540C	
MB 500-853786/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-853786/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 854767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	Field Sampling	
500-281584-2	MW-02	Total/NA	Water	Field Sampling	
500-281584-3	MW-03	Total/NA	Water	Field Sampling	
500-281584-4	MW-04	Total/NA	Water	Field Sampling	
500-281584-5	MW-09	Total/NA	Water	Field Sampling	
500-281584-6	MW-11	Total/NA	Water	Field Sampling	
500-281584-7	MW-14	Total/NA	Water	Field Sampling	
500-281584-8	MW-16	Total/NA	Water	Field Sampling	
500-281584-9	MW-07	Total/NA	Water	Field Sampling	
500-281584-11	MW-05	Total/NA	Water	Field Sampling	
500-281584-12	MW-06	Total/NA	Water	Field Sampling	

QC Sample Results

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

Job ID: 500-281584-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-853070/1-A
Matrix: Water
Analysis Batch: 853505

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853070

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 14:18	1
Arsenic	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 14:18	1
Barium	<2.5		2.5		ug/L		02/10/26 16:01	02/12/26 14:18	1
Beryllium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 14:18	1
Cadmium	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 14:18	1
Calcium	<0.20		0.20		mg/L		02/10/26 16:01	02/12/26 14:18	1
Chromium	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 14:18	1
Cobalt	<1.0		1.0		ug/L		02/10/26 16:01	02/12/26 14:18	1
Lead	<0.50		0.50		ug/L		02/10/26 16:01	02/12/26 14:18	1
Molybdenum	<5.0		5.0		ug/L		02/10/26 16:01	02/12/26 14:18	1
Selenium	<2.5		2.5		ug/L		02/10/26 16:01	02/12/26 14:18	1
Thallium	<0.40		0.40		ug/L		02/10/26 16:01	02/12/26 14:18	1

Lab Sample ID: MB 500-853070/1-A
Matrix: Water
Analysis Batch: 853636

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853070

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<50		50		ug/L		02/10/26 16:01	02/13/26 16:37	1
Lithium	<10		10		ug/L		02/10/26 16:01	02/13/26 16:37	1

Lab Sample ID: LCS 500-853070/2-A
Matrix: Water
Analysis Batch: 853505

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	97.8		ug/L		98	80 - 120
Barium	2000	2180		ug/L		109	80 - 120
Beryllium	50.0	53.6		ug/L		107	80 - 120
Cadmium	50.0	51.9		ug/L		104	80 - 120
Calcium	10.0	9.33		mg/L		93	80 - 120
Chromium	200	200		ug/L		100	80 - 120
Cobalt	500	539		ug/L		108	80 - 120
Lead	100	99.5		ug/L		99	80 - 120
Molybdenum	1000	1000		ug/L		100	80 - 120
Selenium	100	95.8		ug/L		96	80 - 120
Thallium	100	105		ug/L		105	80 - 120

Lab Sample ID: LCS 500-853070/2-A
Matrix: Water
Analysis Batch: 853636

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	500	504		ug/L		101	80 - 120

QC Sample Results

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

Job ID: 500-281584-1

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

Lab Sample ID: MB 500-853305/1-A
Matrix: Water
Analysis Batch: 853636

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<1.0		1.0		ug/L		02/12/26 08:16	02/13/26 18:40	1
Arsenic	<1.0		1.0		ug/L		02/12/26 08:16	02/13/26 18:40	1
Barium	<2.5		2.5		ug/L		02/12/26 08:16	02/13/26 18:40	1
Beryllium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 18:40	1
Cadmium	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 18:40	1
Calcium	<0.20		0.20		mg/L		02/12/26 08:16	02/13/26 18:40	1
Chromium	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 18:40	1
Cobalt	<1.0	^5-	1.0		ug/L		02/12/26 08:16	02/13/26 18:40	1
Lead	<0.50		0.50		ug/L		02/12/26 08:16	02/13/26 18:40	1
Lithium	<10		10		ug/L		02/12/26 08:16	02/13/26 18:40	1
Molybdenum	<5.0		5.0		ug/L		02/12/26 08:16	02/13/26 18:40	1
Selenium	<2.5		2.5		ug/L		02/12/26 08:16	02/13/26 18:40	1
Thallium	<0.40		0.40		ug/L		02/12/26 08:16	02/13/26 18:40	1

Lab Sample ID: MB 500-853305/1-A
Matrix: Water
Analysis Batch: 853825

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<50		50		ug/L		02/12/26 08:16	02/16/26 15:42	1

Lab Sample ID: LCS 500-853305/2-A
Matrix: Water
Analysis Batch: 853636

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	99.2		ug/L		99	80 - 120
Barium	2000	2150		ug/L		108	80 - 120
Beryllium	50.0	50.2		ug/L		100	80 - 120
Cadmium	50.0	51.1		ug/L		102	80 - 120
Calcium	10.0	9.23		mg/L		92	80 - 120
Chromium	200	196		ug/L		98	80 - 120
Cobalt	500	504	^5-	ug/L		101	80 - 120
Lead	100	98.9		ug/L		99	80 - 120
Lithium	500	527		ug/L		105	80 - 120
Molybdenum	1000	975		ug/L		97	80 - 120
Selenium	100	97.2		ug/L		97	80 - 120
Thallium	100	102		ug/L		102	80 - 120

Lab Sample ID: LCS 500-853305/2-A
Matrix: Water
Analysis Batch: 853825

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

QC Sample Results

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

Job ID: 500-281584-1

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

Lab Sample ID: 500-281584-5 MS
Matrix: Water
Analysis Batch: 853636

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	<1.0		500	516		ug/L		103	75 - 125	
Arsenic	4.6		100	105		ug/L		100	75 - 125	
Barium	91		2000	2210		ug/L		106	75 - 125	
Beryllium	<0.40		50.0	48.3		ug/L		97	75 - 125	
Cadmium	<0.50		50.0	50.0		ug/L		100	75 - 125	
Calcium	230		10.0	237	4	mg/L		41	75 - 125	
Chromium	<5.0		200	190		ug/L		95	75 - 125	
Cobalt	<1.0	^5-	500	483	^5-	ug/L		97	75 - 125	
Lead	1.5		100	96.3		ug/L		95	75 - 125	
Lithium	56		500	566		ug/L		102	75 - 125	
Molybdenum	370		1000	1390		ug/L		102	75 - 125	
Selenium	73		100	167		ug/L		95	75 - 125	
Thallium	<0.40		100	99.6		ug/L		100	75 - 125	

Lab Sample ID: 500-281584-5 MS
Matrix: Water
Analysis Batch: 853825

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Boron	15000		1000	16000	4	ug/L		49	75 - 125	

Lab Sample ID: 500-281584-5 MSD
Matrix: Water
Analysis Batch: 853636

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<1.0		500	521		ug/L		104	75 - 125	1	20	
Arsenic	4.6		100	108		ug/L		103	75 - 125	2	20	
Barium	91		2000	2200		ug/L		105	75 - 125	1	20	
Beryllium	<0.40		50.0	49.0		ug/L		98	75 - 125	1	20	
Cadmium	<0.50		50.0	50.5		ug/L		101	75 - 125	1	20	
Calcium	230		10.0	246	4	mg/L		134	75 - 125	4	20	
Chromium	<5.0		200	194		ug/L		97	75 - 125	2	20	
Cobalt	<1.0	^5-	500	493	^5-	ug/L		99	75 - 125	2	20	
Lead	1.5		100	97.2		ug/L		96	75 - 125	1	20	
Lithium	56		500	579		ug/L		105	75 - 125	2	20	
Molybdenum	370		1000	1410		ug/L		103	75 - 125	1	20	
Selenium	73		100	168		ug/L		95	75 - 125	0	20	
Thallium	<0.40		100	100		ug/L		100	75 - 125	1	20	

Lab Sample ID: 500-281584-5 MSD
Matrix: Water
Analysis Batch: 853825

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Boron	15000		1000	16500	4	ug/L		99	75 - 125	3	20	

QC Sample Results

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

Job ID: 500-281584-1

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

Lab Sample ID: 500-281584-5 DU
Matrix: Water
Analysis Batch: 853636

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<1.0		<1.0		ug/L		NC	20
Arsenic	4.6		4.47		ug/L		3	20
Barium	91		90.7		ug/L		0.09	20
Beryllium	<0.40		<0.40		ug/L		NC	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	230		232		mg/L		0	20
Chromium	<5.0		<5.0		ug/L		NC	20
Cobalt	<1.0	^5-	<1.0		ug/L		NC	20
Lead	1.5		<0.50		ug/L		NC	20
Lithium	56		57.3		ug/L		2	20
Molybdenum	370		370		ug/L		0.2	20
Selenium	73		74.8		ug/L		3	20
Thallium	<0.40		<0.40		ug/L		NC	20

Lab Sample ID: 500-281584-5 DU
Matrix: Water
Analysis Batch: 853825

Client Sample ID: MW-09
Prep Type: Total Recoverable
Prep Batch: 853305

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	15000		15500		ug/L		0.3	20

Lab Sample ID: MB 500-853492/1-A
Matrix: Water
Analysis Batch: 853819

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853492

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:09	1
Arsenic	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:09	1
Barium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:09	1
Beryllium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:09	1
Cadmium	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:09	1
Calcium	<0.20		0.20		mg/L		02/13/26 08:05	02/16/26 12:09	1
Chromium	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:09	1
Cobalt	<1.0		1.0		ug/L		02/13/26 08:05	02/16/26 12:09	1
Lead	<0.50		0.50		ug/L		02/13/26 08:05	02/16/26 12:09	1
Lithium	<10		10		ug/L		02/13/26 08:05	02/16/26 12:09	1
Molybdenum	<5.0		5.0		ug/L		02/13/26 08:05	02/16/26 12:09	1
Selenium	<2.5		2.5		ug/L		02/13/26 08:05	02/16/26 12:09	1
Thallium	<0.40		0.40		ug/L		02/13/26 08:05	02/16/26 12:09	1

Lab Sample ID: MB 500-853492/1-A
Matrix: Water
Analysis Batch: 854029

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 853492

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<50		50		ug/L		02/13/26 08:05	02/17/26 13:09	1

QC Sample Results

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

Job ID: 500-281584-1

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

Lab Sample ID: LCS 500-853492/2-A
Matrix: Water
Analysis Batch: 853819

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Antimony	500	513		ug/L		103	80 - 120	
Arsenic	100	97.7		ug/L		98	80 - 120	
Barium	2000	2160		ug/L		108	80 - 120	
Beryllium	50.0	48.4		ug/L		97	80 - 120	
Cadmium	50.0	50.0		ug/L		100	80 - 120	
Calcium	10.0	8.89		mg/L		89	80 - 120	
Chromium	200	194		ug/L		97	80 - 120	
Cobalt	500	488		ug/L		98	80 - 120	
Lead	100	98.4		ug/L		98	80 - 120	
Lithium	500	515		ug/L		103	80 - 120	
Molybdenum	1000	970		ug/L		97	80 - 120	
Selenium	100	98.3		ug/L		98	80 - 120	
Thallium	100	103		ug/L		103	80 - 120	

Lab Sample ID: LCS 500-853492/2-A
Matrix: Water
Analysis Batch: 854029

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 853492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	1000	982		ug/L		98	80 - 120	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-853346/12-A
Matrix: Water
Analysis Batch: 853540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 853346

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.20		0.20		ug/L		02/12/26 11:00	02/13/26 08:08	1

Lab Sample ID: LCS 500-853346/13-A
Matrix: Water
Analysis Batch: 853540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Mercury	2.00	2.05		ug/L		102	80 - 120	

Lab Sample ID: 500-281584-6 MS
Matrix: Water
Analysis Batch: 853540

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 853346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Mercury	<0.20		1.00	0.995		ug/L		99	75 - 125	

Lab Sample ID: 500-281584-6 MSD
Matrix: Water
Analysis Batch: 853540

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 853346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Mercury	<0.20		1.00	0.938		ug/L		94	75 - 125	6	20	

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QC Sample Results

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

Job ID: 500-281584-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-281584-6 DU
Matrix: Water
Analysis Batch: 853540

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 853346

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

Lab Sample ID: MB 500-853525/12-A
Matrix: Water
Analysis Batch: 853674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 853525

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.20		0.20		ug/L		02/13/26 10:20	02/16/26 08:22	1

Lab Sample ID: LCS 500-853525/13-A
Matrix: Water
Analysis Batch: 853674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853525

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Mercury	2.00	2.13		ug/L		106	80 - 120

Lab Sample ID: 500-281584-12 MS
Matrix: Water
Analysis Batch: 853674

Client Sample ID: MW-06
Prep Type: Total/NA
Prep Batch: 853525

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Mercury	<0.20		1.00	1.04		ug/L		104	75 - 125

Lab Sample ID: 500-281584-12 MSD
Matrix: Water
Analysis Batch: 853674

Client Sample ID: MW-06
Prep Type: Total/NA
Prep Batch: 853525

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Mercury	<0.20		1.00	1.02		ug/L		102	75 - 125	2	20

Lab Sample ID: 500-281584-12 DU
Matrix: Water
Analysis Batch: 853674

Client Sample ID: MW-06
Prep Type: Total/NA
Prep Batch: 853525

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

Method: 9038 - Sulfate, Turbidimetric

Lab Sample ID: MB 310-481452/16
Matrix: Water
Analysis Batch: 481452

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sulfate	<5.0		5.0		mg/L			02/20/26 12:29	1

QC Sample Results

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

Job ID: 500-281584-1

Method: 9038 - Sulfate, Turbidimetric (Continued)

Lab Sample ID: MB 310-481452/46
Matrix: Water
Analysis Batch: 481452

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			02/20/26 12:41	1

Lab Sample ID: LCS 310-481452/17
Matrix: Water
Analysis Batch: 481452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	11.1		mg/L		111	85 - 115

Lab Sample ID: LCS 310-481452/47
Matrix: Water
Analysis Batch: 481452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.6		mg/L		106	85 - 115

Method: 9251 - Chloride

Lab Sample ID: MB 310-481145/16
Matrix: Water
Analysis Batch: 481145

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			02/17/26 19:54	1

Lab Sample ID: MB 310-481145/46
Matrix: Water
Analysis Batch: 481145

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			02/17/26 20:07	1

Lab Sample ID: LCS 310-481145/14
Matrix: Water
Analysis Batch: 481145

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: LCS 310-481145/45
Matrix: Water
Analysis Batch: 481145

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.8		mg/L		108	90 - 110

QC Sample Results

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

Job ID: 500-281584-1

Method: 9251 - Chloride (Continued)

Lab Sample ID: 500-281584-8 MS
Matrix: Water
Analysis Batch: 481145

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
Chloride	110		100	184		mg/L		79	26 - 120

Lab Sample ID: 500-281584-8 MSD
Matrix: Water
Analysis Batch: 481145

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
Chloride	110		100	188		mg/L		83	26 - 120	2	10

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

Lab Sample ID: MB 500-853614/1
Matrix: Water
Analysis Batch: 853614

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			02/16/26 01:28	1

Lab Sample ID: LCS 500-853614/2
Matrix: Water
Analysis Batch: 853614

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

Lab Sample ID: MB 500-853616/1
Matrix: Water
Analysis Batch: 853616

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			02/16/26 02:54	1

Lab Sample ID: LCS 500-853616/2
Matrix: Water
Analysis Batch: 853616

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	244		mg/L		98	80 - 120

Lab Sample ID: 500-281584-5 MS
Matrix: Water
Analysis Batch: 853616

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1300		250	1540	4	mg/L		101	75 - 125

QC Sample Results

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

Job ID: 500-281584-1

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

Lab Sample ID: 500-281584-5 DU
Matrix: Water
Analysis Batch: 853616

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

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1300		1260		mg/L		3	5

Lab Sample ID: 500-281584-6 DU
Matrix: Water
Analysis Batch: 853616

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

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	680		680		mg/L		0.3	5

Lab Sample ID: MB 500-853786/1
Matrix: Water
Analysis Batch: 853786

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			02/17/26 04:06	1

Lab Sample ID: LCS 500-853786/2
Matrix: Water
Analysis Batch: 853786

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	250	240		mg/L		96	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-853780/21
Matrix: Water
Analysis Batch: 853780

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Fluoride	<0.10		0.10		mg/L			02/16/26 13:16	1

Lab Sample ID: MB 500-853780/3
Matrix: Water
Analysis Batch: 853780

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Fluoride	<0.10		0.10		mg/L			02/16/26 12:14	1

Lab Sample ID: LCS 500-853780/22
Matrix: Water
Analysis Batch: 853780

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Fluoride	10.0	10.5		mg/L		105	90 - 110

QC Sample Results

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

Job ID: 500-281584-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-853780/4

Matrix: Water

Analysis Batch: 853780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-281584-12 MS

Matrix: Water

Analysis Batch: 853780

Client Sample ID: MW-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.24		5.00	5.86		mg/L		112	75 - 125

Lab Sample ID: 500-281584-12 MSD

Matrix: Water

Analysis Batch: 853780

Client Sample ID: MW-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.24		5.00	5.93		mg/L		114	75 - 125	1	20

Client Information		Sampler: <u>Kaelyn Sperte</u>	Lab PM: <u>Nelson, Dirk</u>	Carrier Tracking No(s):	COC No: <u>500-146411-44027 1</u>		
Client Contact: <u>Mitchel Dolan Kaelyn Sperte</u>		Phone: <u>262-278-1621</u>	E-Mail: <u>Dirk.Nelson@et.eurofinsus.com</u>	State of Origin: <u>IL</u>	Page: <u>1 of 2</u> / <u>1 of 1</u>		
Company: <u>KPRG and Associates, Inc.</u>		PWSID:	Analysis Requested		Job #: <u>500-281584</u>		
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested: <u>standard</u>	Total Number of Containers 500-281584 COC		Preservation Codes D HNO3 N None		
City: <u>Brookfield</u>		TAT Requested (days): <u>↓</u>					
State, Zip: <u>WI 53005</u>		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502230086</u>					
Email: <u>mitcheid@kprginc.com kaelyns@kprginc.com</u>		WO #:					
Project Name: <u>Waukegan CCR Event Desc: Quarterly Waukegan CCR</u>		Project #: <u>50011597</u>	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020B, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		Special Instructions/Note:		
Site: <u>Illinois</u>		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)
Preservation Code: <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> N							
<u>1</u> MW-01	<u>2/9/26</u>	<u>1145</u>				<u>G</u>	<u>Water</u>
<u>2</u> MW-02	<u>2/9/26</u>	<u>1304</u>				<u>↓</u>	<u>Water</u>
<u>3</u> MW-03	<u>2/9/26</u>	<u>1426</u>				<u>↓</u>	<u>Water</u>
<u>4</u> MW-04	<u>2/9/26</u>	<u>1523</u>				<u>↓</u>	<u>Water</u>
MW-09							<u>Water</u>
MW-11							<u>Water</u>
MW-14				<u>Water</u>			
MW-16				<u>Water</u>			
Duplicate				<u>Water</u>			
MW-05				<u>Water</u>			
MW-08				<u>Water</u>			
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <u>Kaelyn Droll</u>		Date/Time: <u>2/9/26/1700</u>	Company: <u>KPRG</u>	Received by: <u>FedEx</u>			
Relinquished by:		Date/Time:	Company:	Received by: <u>Stephane Hernandez</u>			
Relinquished by:		Date/Time:	Company:	Received by:			
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>-0.7+-0.5</u>			

Eurofins Chicago

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

Chain of Custody Record

Client Information				Sampler: <u>Kaelyn Sperle</u>		Lab PM: <u>Nelson, Dirk</u>		Carrier Tracking No(s):		COC No: <u>500-146411-44027 1</u>																																																													
Client Contact: <u>Mitchell Doherty</u> <u>Kaelyn Sperle</u>				Phone: <u>262-278 1621</u>		E-Mail: <u>Dirk.Nelson@et.eurofinsus.com</u>		State of Origin: <u>IL</u>		Page: <u>1 of 2</u> Page 1 of 2 1 of 1																																																													
Company: <u>KPRG and Associates, Inc.</u>				PWSID:		Analysis Requested																																																																	
Address: <u>14665 West Lisbon Road, Suite 1A</u>				Due Date Requested: <u>standard</u>		<table border="1"> <tr> <td>TAT Requested (days):</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>PO #: <u>4502230086</u></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>WO #:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Project #: <u>50011597</u></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						TAT Requested (days):												Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No												PO #: <u>4502230086</u>												WO #:												Project #: <u>50011597</u>											
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City: <u>Brookfield</u>				TAT Requested (days):		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Performs MS/MSD (Yes or No)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>903.0, 904.0</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>6020B, 7470A</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>2540C, 4500_F_C, SM4500_CL, SM4500_SO4_E</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Field Filtered Sample (Yes or No)												Performs MS/MSD (Yes or No)												903.0, 904.0												6020B, 7470A												2540C, 4500_F_C, SM4500_CL, SM4500_SO4_E											
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2540C, 4500_F_C, SM4500_CL, SM4500_SO4_E																																																																							
State, Zip: <u>WI, 53005</u>				Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		<table border="1"> <tr> <td>Total Number of containers:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Preservation Codes: D HNO3 N None</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Job #:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Other:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Special Instructions/Note:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Total Number of containers:												Preservation Codes: D HNO3 N None												Job #:												Other:												Special Instructions/Note:											
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Phone: <u>262-781-0475(Tel)</u>				PO #: <u>4502230086</u>		<table border="1"> <tr> <td>Matrix</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>(W=water, S=solid, O=wastewat, BT=Tissue, A=Air, DW=Drinking Water)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Field Filtered Sample (Yes or No)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Performs MS/MSD (Yes or No)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>903.0, 904.0</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Matrix												(W=water, S=solid, O=wastewat, BT=Tissue, A=Air, DW=Drinking Water)												Field Filtered Sample (Yes or No)												Performs MS/MSD (Yes or No)												903.0, 904.0											
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Special Instructions/Note:																																																																							
Email: <u>mitche@doherty.com</u>				Project #:		<table border="1"> <tr> <td>Total Number of containers:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Preservation Codes: D HNO3 N None</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Job #:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Other:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Special Instructions/Note:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Total Number of containers:												Preservation Codes: D HNO3 N None												Job #:												Other:												Special Instructions/Note:											
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Project Name: <u>Waukegan CCR Event Desc: Quarterly Waukegan CCR</u>				SSOW#:		<table border="1"> <tr> <td>Total Number of containers:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Preservation Codes: D HNO3 N None</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Job #:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Other:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Special Instructions/Note:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Total Number of containers:												Preservation Codes: D HNO3 N None												Job #:												Other:												Special Instructions/Note:											
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MW-03								Water																																																															
MW-04								Water																																																															
MW-09				2/10/26		1405		G		Water																																																													
MW-11				2/10/26		1156		↓		Water																																																													
MW-14				2/10/26		1042		↓		Water																																																													
MW-16				2/10/26		1300		↓		Water																																																													
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MW-05										Water																																																													
MW-06										Water																																																													
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																																	
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Deliverable Requested: I II III IV Other (specify)						Special Instructions/QC Requirements:																																																																	
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:																																																															
Relinquished by: <u>Kaelyn Ingle</u>				Date/Time: <u>2/10/26 1700</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/10/26 1700</u>																																																													
Relinquished by:				Date/Time:		Company:		Received by: <u>Shirley Smith</u>		Date/Time: <u>2/11/26 0935</u>																																																													
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:																																																													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: <u>-0.6 → -0.4</u>																																																																			

5
8226



Eurofins Chicago

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

Chain of Custody Record

Client Information		Sampler: <u>Kaelyn Sperle</u>		Lab PM: <u>Nelson, Dirk</u>		Carrier Tracking No(s):		COC No: <u>500-146411-44027 1</u>																					
Client Contact: <u>Michelle Dehn - Kaelyn Sperle</u>		Phone: <u>262-278-1621</u>		E-Mail: <u>Dirk.Nelson@et.eurofinsus.com</u>		State of Origin: <u>IL</u>		Page: <u>1 of 1</u>																					
Company: <u>KPRG and Associates, Inc.</u>		PWSID:		Analysis Requested						Job #: <u>500-281584</u>																			
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested: <u>Standard</u>		Field Filtered Sample (Yes or No) Perform: MS/MSD (Yes or No)		903.0, 904.0		60208, 7470A		2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		Preservation Codes: D HNO3 N None																	
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>										Total Number of Containers:																	
State, Zip: <u>WI, 53005</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No										Other:																	
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502100088 - 4502230086</u>										Special Instructions/Note:																	
Email: <u>kaelyn.s@kprginc.com</u>		WO #: <u>50011597</u>																											
Project Name: <u>Waukegan CCR Event Desc: Quarterly Waukegan CCR</u>		Project #: <u>50011597</u>																											
Site: <u>Illinois</u>		SSOWN:																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform: MS/MSD (Yes or No)		Total Number of Containers		Special Instructions/Note:													
						Preservation Code:		D D N																					
MW-01						Water																							
MW-02						Water																							
MW-03						Water																							
MW-04						Water																							
MW-06						Water																							
MW-11						Water																							
MW-12						Water																							
<u>MW-07</u>		<u>2/11/26</u>		<u>1118</u>		<u>G</u>		<u>Water</u>		<u>N N X X X</u>		<u>5</u>																	
<u>Duplicate</u>		<u>2/11/26</u>		<u>-</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>															
<u>MW-05</u>		<u>2/11/26</u>		<u>1023</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>															
<u>MW-06</u>		<u>2/11/26</u>		<u>1222</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>		<u>Water</u>															
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological										<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <u>Kaelyn Sperle</u>					Date/Time: <u>2/11/26/1715</u>					Company: <u>KPRG</u>					Received by: <u>FedEx</u>					Date/Time: <u>2/11/26/1715</u>					Company: <u>FedEx</u>				
Relinquished by:					Date/Time:					Company:					Received by: <u>[Signature]</u>					Date/Time: <u>2/12/26 0900</u>					Company: <u>[Signature]</u>				
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:				
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No					Custody Seal No.					Cooler Temperature(s) °C and Other Remarks: <u>0.4 - 7.0 C</u>																			

FEDERICK ALLENBERG INC
KPRG AND ASSOCIATES INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD WI 53005
UNITED STATES US

ACTUAL BUSINESS
CAD 0780307/CAFE3953

Part # 159489-434 RRO82 EXP 10/25



500 281584 Waybl

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

(708) 634-6200

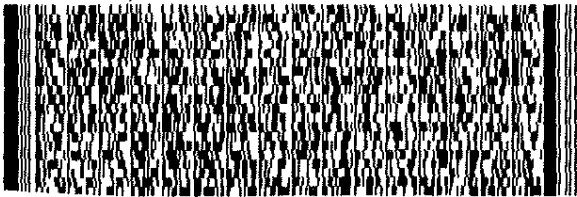
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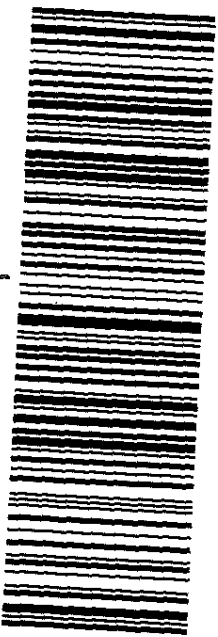


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Express



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FedEx
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TUE - 10 FEB 10:30A
PRIORITY OVERNIGHT

IL - US

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EUROFINS OVERNIGHT
415-4033FL

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

301 eu

ACTWGT 20.00 LB MAN
CAD 0760307/C4FE3953

Pa



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

500-281564 Waybi

(708) 634-6200
REF: PO.

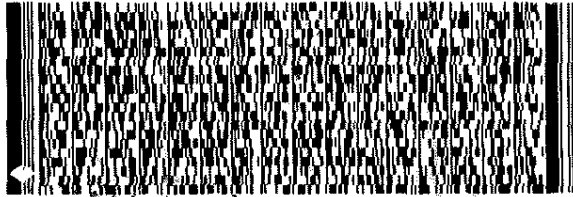
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EXP 10/26

RMA



FedEx
Express



An IBM and UPS Company

FedEx

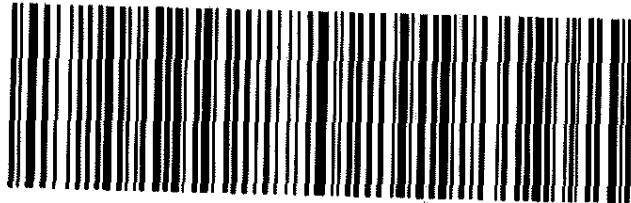
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WED - 11 FEB 10:30A
PRIORITY OVERNIGHT

79 JOTA

60487
IL-US ORD

EXP 10/26



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OTCAVA - ILLINOIS
KPMG AND ASSOCIATES, INC
1466 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ON MOI EVJUS LW #
CAD 07803077CAFE3953

Part # 159469-434 RFD82 EXP 10/26
4859/2434/2328

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



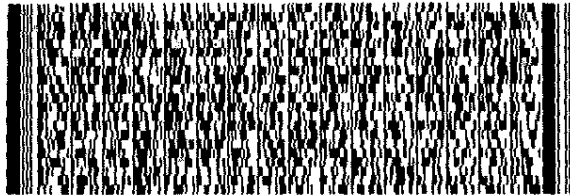
500-281584 Waybi

(780) 534-5200

REF:

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TRK# 5017 2472 3290
0221

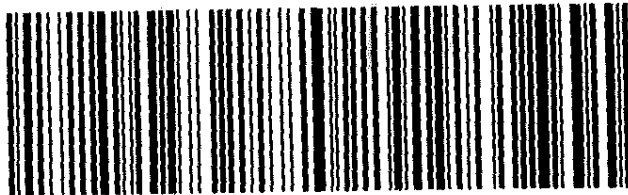
THU - 12 FEB 10:30A
PRIORITY OVERNIGHT

79 JOTA

707-110

60487
IL-US ORD

100297434-58912 EXP 10/26



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-218184-1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-281584-2	Preservation Codes:
Address: 13715 Ridder Trail North,		Due Date Requested: 3/12/2026		Analysis Requested:	
City: Earth City		TAT Requested (days): N/A		Total Number of Containers	
State, Zip: MO, 63045		PO #: N/A		Field Filtered Sample (Yes or No)	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		Perform MS/MSD (Yes or No)	
Email: N/A		Project #: 50011597		90.3.0/PreSep_21 Standard Target List	
Project Name: Waukegan CCR (RAD)		Site: NRG Midwest Generation Waukegan		90.4.0/PreSep_0 Standard Target List	
Site: N/A		Sample Date		Ra226Ra228 GFPC	
		Sample Time		Special Instructions/Note:	
		Sample Type (C=Comp, G=grab)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
		Matrix (W=Water, S=Solid, O=Water/Oil)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
		Preservation Code:		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
Sample Identification - Client ID (Lab ID)		MW-01 (500-281584-1)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
		MW-02 (500-281584-2)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
		MW-03 (500-281584-3)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
		MW-04 (500-281584-4)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	

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

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: *Stephanie Hernandez* Date/Time: 2/10/26 16:00 Company: *ETA*
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

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



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): 500-218267.1
Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		
Address: 13715 Rider Trail North,		Due Date Requested: 3/3/2026		
City: Earth City		TAT Requested (days): N/A		
State, Zip: MO, 63045		Matrix: Water		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		Sample Type (C=Comp, G=grab): G		
Email: N/A		Sample Time: 14:05 Central		
Project Name: Waukegan CCR		Sample Date: 2/10/26		
Site: NRG Midwest Generation Waukegan		Preservation Code: 904.0/PreSep_0Standard Target List		
		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>		
		Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>		
		903.0/PreSep_21Standard Target List <input checked="" type="checkbox"/>		
		904.0/PreSep_0Standard Target List <input checked="" type="checkbox"/>		
		Ra226Ra228_GFPc		
		Total Number of Containers: 3		
		Special Instructions/Note: Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.		
		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.		
		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.		
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		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: _____ Method of Shipment: _____
 Return To Client Disposal By Lab Archive For _____ Months

Relinquished by: Stephanie Hernandez	Date/Time: 2/11/26 10:00	Company: EEA	Received by: Jenna Woodington	Date/Time: 2/12/26 08:35	Company: EEA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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





Environment Testing
America



500-281584 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Eurofins Chicago</u>			
City/State:	CITY	STATE	Project:
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>02/14/20</u>	<u>1125</u>	<u>ES</u>
Delivery Type:	<input type="checkbox"/> UPS	<input checked="" type="checkbox"/> FedEx <u>SAT</u>	<input type="checkbox"/> FedEx Ground
	<input type="checkbox"/> Lab Courier	<input type="checkbox"/> Lab Field Services	<input type="checkbox"/> Client Drop-off
			<input type="checkbox"/> US Mail
			<input type="checkbox"/> Spee-Dee
			<input type="checkbox"/> Other: _____
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes: Cooler ID.
Multiple Coolers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice	<input type="checkbox"/> Blue ice	<input type="checkbox"/> Dry ice
			<input type="checkbox"/> Other: _____
			<input type="checkbox"/> NONE
Thermometer ID:	<u>AA</u>	Correction Factor (°C):	<u>0</u>
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):	Corrected Temp (°C):		
• Sample Container Temperature			
Container(s) used	CONTAINER 1	CONTAINER 2	
	<u>pic 250ml NT</u>		
Uncorrected Temp (°C):	<u>3.1</u>		
Corrected Temp (°C):	<u>3.1</u>		
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No			
a) If yes. Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

Chain of Custody Record



Client Information (Sub Contract Lab)

Lab PM: Mockler, Diana J
 Carrier Tracking No(s): N/A
 State of Origin: Illinois
 E-Mail: Diana Mockler@et.eurofins.com
 Accreditations Required (See note): NELAP - Illinois
 Preservation Codes: -

Eurofins Environment Testing North Cent

Address: 3019 Venture Way, Cedar Falls, IA, 50613
 City: Cedar Falls
 State, Zip: IA, 50613
 PO #: N/A
 Phone: 319-277-2401 (Tel) 319-277-2425 (Fax)
 WO #: N/A
 Project #: 50011597
 Project Name: WaukeganCCR
 SSO#: N/A
 Site: NRG Midwest Generation Waukegan

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Swab, Generator, BT-Tissue, Acid)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	Special Instructions/Note:
					9038Sulfate	9251Chloride	9038Sulfate	9251Chloride		
MW-01 (500-281584-1)	2/9/26	11 45 Central	G	Water	X	X	X	X	1	
MW-02 (500-281584-2)	2/9/26	13 04 Central	G	Water	X	X	X	X	1	
MW-03 (500-281584-3)	2/9/26	14 26 Central	G	Water	X	X	X	X	1	
MW-04 (500-281584-4)	2/9/26	15 23 Central	G	Water	X	X	X	X	1	
MW-09 (500-281584-5)	2/10/26	14 05 Central	G	Water	X	X	X	X	1	
MW-11 (500-281584-6)	2/10/26	11 56 Central	G	Water	X	X	X	X	1	
MW-14 (500-281584-7)	2/10/26	10 42 Central	G	Water	X	X	X	X	1	
MW-16 (500-281584-8)	2/10/26	13 00 Central	G	Water	X	X	X	X	1	
MW-07 (500-281584-9)	2/11/26	11 18 Central	G	Water	X	X	X	X	1	

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

Possible Hazard Identification

Unconfirmed Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by	Date	Time	Method of Shipment
Relinquished by <i>[Signature]</i>	2/13/26	1430	Company
Relinquished by			Company
Relinquished by			Company
Custody Seals Intact: Δ Yes Δ No			Cooler Temperature(s) °C and Other Remarks.



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-1

Login Number: 281584

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.5 Samples not frozen,-0.4,0.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-1

Login Number: 281584

List Number: 5

Creator: Schaufenbuel, Erin

List Source: Eurofins Cedar Falls

List Creation: 02/14/26 11:45 AM

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

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

Lab Chronicle

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

Job ID: 500-281584-1

Client Sample ID: MW-01

Lab Sample ID: 500-281584-1

Date Collected: 02/09/26 11:45

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853505	RN	EET CHI	02/12/26 15:06
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 17:01
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 15:29
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:14
Total/NA	Analysis	9038		10	481452	WZC8	EET CF	02/20/26 12:39
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:02
Total/NA	Analysis	SM 2540C		1	853614	CLB	EET CHI	02/16/26 01:38
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:32
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/09/26 11:45

Client Sample ID: MW-02

Lab Sample ID: 500-281584-2

Date Collected: 02/09/26 13:04

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853505	RN	EET CHI	02/12/26 15:09
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 17:04
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 15:32
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:16
Total/NA	Analysis	9038		10	481452	WZC8	EET CF	02/20/26 12:39
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:03
Total/NA	Analysis	SM 2540C		1	853614	CLB	EET CHI	02/16/26 01:40
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:35
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/09/26 13:04

Client Sample ID: MW-03

Lab Sample ID: 500-281584-3

Date Collected: 02/09/26 14:26

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853505	RN	EET CHI	02/12/26 15:12
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 17:07
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 15:35

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-281584-1

Client Sample ID: MW-03

Lab Sample ID: 500-281584-3

Date Collected: 02/09/26 14:26

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:18
Total/NA	Analysis	9038		10	481452	WZC8	EET CF	02/20/26 12:39
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:04
Total/NA	Analysis	SM 2540C		1	853614	CLB	EET CHI	02/16/26 01:43
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:38
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/09/26 14:26

Client Sample ID: MW-04

Lab Sample ID: 500-281584-4

Date Collected: 02/09/26 15:23

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853505	RN	EET CHI	02/12/26 15:15
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 17:10
Total Recoverable	Prep	3005A			853070	MS	EET CHI	02/10/26 16:01 - 02/10/26 22:01 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 15:38
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:20
Total/NA	Analysis	9038		50	481452	WZC8	EET CF	02/20/26 13:06
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:05
Total/NA	Analysis	SM 2540C		1	853614	CLB	EET CHI	02/16/26 01:46
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:42
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/09/26 15:23

Client Sample ID: MW-09

Lab Sample ID: 500-281584-5

Date Collected: 02/10/26 14:05

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 18:52
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		10	853825	RN	EET CHI	02/16/26 15:47
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:22
Total/NA	Analysis	9038		5	481452	WZC8	EET CF	02/20/26 12:50
Total/NA	Analysis	9251		10	481145	ZJX4	EET CF	02/17/26 20:05
Total/NA	Analysis	SM 2540C		1	853616	CLB	EET CHI	02/16/26 02:59
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:45
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/10/26 14:05

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-281584-1

Client Sample ID: MW-11
Date Collected: 02/10/26 11:56
Date Received: 02/11/26 09:35

Lab Sample ID: 500-281584-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 19:55
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853825	RN	EET CHI	02/16/26 16:07
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 08:24
Total/NA	Analysis	9038		25	481452	WZC8	EET CF	02/20/26 13:06
Total/NA	Analysis	9251		10	481145	ZJX4	EET CF	02/17/26 20:06
Total/NA	Analysis	SM 2540C		1	853616	CLB	EET CHI	02/16/26 03:06
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:48
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/10/26 11:56

Client Sample ID: MW-14
Date Collected: 02/10/26 10:42
Date Received: 02/11/26 09:35

Lab Sample ID: 500-281584-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 19:58
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853825	RN	EET CHI	02/16/26 16:09
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 09:23
Total/NA	Analysis	9038		1	481452	WZC8	EET CF	02/20/26 12:51
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:06
Total/NA	Analysis	SM 2540C		1	853616	CLB	EET CHI	02/16/26 03:12
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 12:52
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/10/26 10:42

Client Sample ID: MW-16
Date Collected: 02/10/26 13:00
Date Received: 02/11/26 09:35

Lab Sample ID: 500-281584-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		1	853636	RN	EET CHI	02/13/26 20:01
Total Recoverable	Prep	3005A			853305	BDE	EET CHI	02/12/26 08:16 - 02/12/26 14:16 ¹
Total Recoverable	Analysis	6020B		10	853825	RN	EET CHI	02/16/26 16:12
Total/NA	Prep	7470A			853346	MJG	EET CHI	02/12/26 11:00 - 02/12/26 13:00 ¹
Total/NA	Analysis	7470A		1	853540	MJG	EET CHI	02/13/26 09:25
Total/NA	Analysis	9038		20	481452	WZC8	EET CF	02/20/26 12:52
Total/NA	Analysis	9251		10	481145	ZJX4	EET CF	02/17/26 20:07
Total/NA	Analysis	SM 2540C		1	853616	CLB	EET CHI	02/16/26 03:14

Lab Chronicle

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

Job ID: 500-281584-1

Client Sample ID: MW-16

Lab Sample ID: 500-281584-8

Date Collected: 02/10/26 13:00

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 13:04
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/10/26 13:00

Client Sample ID: MW-07

Lab Sample ID: 500-281584-9

Date Collected: 02/11/26 11:18

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 12:15
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		20	854029	S1Z	EET CHI	02/17/26 13:14
Total/NA	Prep	7470A			853525	MJG	EET CHI	02/13/26 10:20 - 02/13/26 12:20 ¹
Total/NA	Analysis	7470A		1	853674	MJG	EET CHI	02/16/26 08:49
Total/NA	Analysis	9038		20	481452	WZC8	EET CF	02/20/26 12:52
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:10
Total/NA	Analysis	SM 2540C		1	853786	CLB	EET CHI	02/17/26 04:52
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 13:07
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/11/26 11:18

Client Sample ID: Duplicate

Lab Sample ID: 500-281584-10

Date Collected: 02/11/26 00:00

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 12:23
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	854029	S1Z	EET CHI	02/17/26 13:17
Total/NA	Prep	7470A			853525	MJG	EET CHI	02/13/26 10:20 - 02/13/26 12:20 ¹
Total/NA	Analysis	7470A		1	853674	MJG	EET CHI	02/16/26 08:51
Total/NA	Analysis	9038		5	481452	WZC8	EET CF	02/20/26 14:57
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:10
Total/NA	Analysis	SM 2540C		1	853786	CLB	EET CHI	02/17/26 04:55
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 13:10

Client Sample ID: MW-05

Lab Sample ID: 500-281584-11

Date Collected: 02/11/26 10:23

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 12:26

Lab Chronicle

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

Job ID: 500-281584-1

Client Sample ID: MW-05

Lab Sample ID: 500-281584-11

Date Collected: 02/11/26 10:23

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		20	854029	S1Z	EET CHI	02/17/26 13:19
Total/NA	Prep	7470A			853525	MJG	EET CHI	02/13/26 10:20 - 02/13/26 12:20 ¹
Total/NA	Analysis	7470A		1	853674	MJG	EET CHI	02/16/26 08:53
Total/NA	Analysis	9038		20	481452	WZC8	EET CF	02/20/26 12:53
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:11
Total/NA	Analysis	SM 2540C		1	853786	CLB	EET CHI	02/17/26 04:57
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 13:13
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/11/26 10:23

Client Sample ID: MW-06

Lab Sample ID: 500-281584-12

Date Collected: 02/11/26 12:22

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	853819	RN	EET CHI	02/16/26 12:38
Total Recoverable	Prep	3005A			853492	BDE	EET CHI	02/13/26 08:05 - 02/13/26 14:05 ¹
Total Recoverable	Analysis	6020B		1	854029	S1Z	EET CHI	02/17/26 13:22
Total/NA	Prep	7470A			853525	MJG	EET CHI	02/13/26 10:20 - 02/13/26 12:20 ¹
Total/NA	Analysis	7470A		1	853674	MJG	EET CHI	02/16/26 08:55
Total/NA	Analysis	9038		25	481452	WZC8	EET CF	02/20/26 13:08
Total/NA	Analysis	9251		1	481145	ZJX4	EET CF	02/17/26 20:11
Total/NA	Analysis	SM 2540C		1	853786	CLB	EET CHI	02/17/26 05:00
Total/NA	Analysis	SM 4500 F C		1	853780	AC	EET CHI	02/16/26 13:25
Total/NA	Analysis	Field Sampling		1	854767	DN	EET CHI	02/11/26 12:22

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

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

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: 500-281584-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-26
Georgia	State	IA100001 (OR)	09-29-26
Illinois	NELAP	200024	11-30-26
Iowa	State	007	12-01-27
Kansas	NELAP	E-10341	01-31-27
Minnesota	NELAP	019-999-319	12-31-26
Minnesota (Petrofund)	State	3349	01-18-28
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Parameter Well	MW-01	MW-02	MW-03	MW-04	MW-05
Field pH	7.59	8.27	9.83	8.45	7.10
Field Temp (deg C)	12.6	12.8	13.0	12.8	11.7
Field Specific Conductance (mS/cm)	0.732	0.752	0.649	0.910	1.309
Dissolved Oxygen (mg/L)	0.69	0.29	0.33	0.28	0.46
Field Turbidity NTU	12.45	10.22	12.16	11.2	39.63
ORP (mV)	110.5	-58.0	-95.2	-212.7	-113.4
Groundwater Elevation (ft)	580.44	580.39	580.26	579.93	581.53
Description	Clear Dedicated Bladder Pump	Clear Dedicated Bladder Pump	Clear Dedicated Bladder Pump	Clear Dedicated Bladder Pump	Clear Dedicated Bladder Pump
Sampling Method					

- 1
- 2
- 3
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- 10
- 11
- 12
- 13
- 14

MW-06	MW-07	MW-09	MW-11	MW-14	MW-16
7.05	7.14	6.98	7.09	7.12	6.99
7.1	11.9	11.8	9.9	8.3	13.2
1.037	1.573	1.567	1.101	1.080	1.425
0.49	0.48	2.26	0.36	0.23	0.47
53.05	89.45	27.21	130.05	38.54	65.00
-72.4	-123.2	64.8	-111.7	-124.3	-26.2
581.79	580.07	583.06	583.70	584.08	579.22
Clear	Clear	Clear	Turbid	Clear	Clear
Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/17/2026 2:53:10 PM

JOB DESCRIPTION

Waukegan CCR (RAD)

JOB NUMBER

500-281584-2

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
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Case Narrative

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

Job ID: 500-281584-2

Job ID: 500-281584-2

Eurofins Chicago

Job Narrative 500-281584-2

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 2/10/2026 9:30 AM, 2/11/2026 9:35 AM and 2/12/2026 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 -0.5°C, -0.4°C and 0.6°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 758159

The detection goal was not met for the following sample due to the presence of matrix interferences: MW-06 (500-281584-12). 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.

Eurofins Chicago

Method Summary

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

Job ID: 500-281584-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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



Sample Summary

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

Job ID: 500-281584-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-281584-1	MW-01	Water	02/09/26 11:45	02/10/26 09:30	Illinois
500-281584-2	MW-02	Water	02/09/26 13:04	02/10/26 09:30	Illinois
500-281584-3	MW-03	Water	02/09/26 14:26	02/10/26 09:30	Illinois
500-281584-4	MW-04	Water	02/09/26 15:23	02/10/26 09:30	Illinois
500-281584-5	MW-09	Water	02/10/26 14:05	02/11/26 09:35	Illinois
500-281584-6	MW-11	Water	02/10/26 11:56	02/11/26 09:35	Illinois
500-281584-7	MW-14	Water	02/10/26 10:42	02/11/26 09:35	Illinois
500-281584-8	MW-16	Water	02/10/26 13:00	02/11/26 09:35	Illinois
500-281584-9	MW-07	Water	02/11/26 11:18	02/12/26 09:00	Illinois
500-281584-10	Duplicate	Water	02/11/26 00:00	02/12/26 09:00	Illinois
500-281584-11	MW-05	Water	02/11/26 10:23	02/12/26 09:00	Illinois
500-281584-12	MW-06	Water	02/11/26 12:22	02/12/26 09:00	Illinois



Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-01

Lab Sample ID: 500-281584-1

Date Collected: 02/09/26 11:45

Matrix: Water

Date Received: 02/10/26 09:30

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	0.146		0.0986	0.0994	1.00	0.143	pCi/L	02/13/26 08:55	03/09/26 08:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/13/26 08:55	03/09/26 08:07	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	<0.561	U	0.319	0.319	1.00	0.561	pCi/L	02/13/26 09:01	02/25/26 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/13/26 09:01	02/25/26 11:44	1
Y Carrier	80.4		30 - 110					02/13/26 09:01	02/25/26 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.561	U	0.334	0.334	5.00	0.561	pCi/L		03/17/26 14:12	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-02

Lab Sample ID: 500-281584-2

Date Collected: 02/09/26 13:04

Matrix: Water

Date Received: 02/10/26 09:30

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	<0.110	U	0.0529	0.0529	1.00	0.110	pCi/L	02/13/26 08:55	03/09/26 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.0		30 - 110					02/13/26 08:55	03/09/26 09:59	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	<0.651	U	0.429	0.432	1.00	0.651	pCi/L	02/13/26 09:01	02/25/26 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.0		30 - 110					02/13/26 09:01	02/25/26 11:45	1
Y Carrier	80.4		30 - 110					02/13/26 09:01	02/25/26 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.651	U	0.432	0.435	5.00	0.651	pCi/L		03/17/26 14:12	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-03

Lab Sample ID: 500-281584-3

Date Collected: 02/09/26 14:26

Matrix: Water

Date Received: 02/10/26 09:30

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	<0.107	U	0.0535	0.0535	1.00	0.107	pCi/L	02/13/26 08:55	03/09/26 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					02/13/26 08:55	03/09/26 09:59	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	<0.540	U	0.316	0.316	1.00	0.540	pCi/L	02/13/26 09:01	02/25/26 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					02/13/26 09:01	02/25/26 11:45	1
Y Carrier	81.9		30 - 110					02/13/26 09:01	02/25/26 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.540	U	0.320	0.320	5.00	0.540	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-04

Lab Sample ID: 500-281584-4

Date Collected: 02/09/26 15:23

Matrix: Water

Date Received: 02/10/26 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	<0.120	U	0.0823	0.0828	1.00	0.120	pCi/L	02/13/26 08:55	03/09/26 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/13/26 08:55	03/09/26 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	<0.621	U	0.357	0.358	1.00	0.621	pCi/L	02/13/26 09:01	02/25/26 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/13/26 09:01	02/25/26 11:45	1
Y Carrier	81.1		30 - 110					02/13/26 09:01	02/25/26 11:45	1

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

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	<0.621	U	0.366	0.367	5.00	0.621	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-09

Lab Sample ID: 500-281584-5

Date Collected: 02/10/26 14:05

Matrix: Water

Date Received: 02/11/26 09:35

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	0.288		0.106	0.109	1.00	0.110	pCi/L	02/13/26 08:55	03/09/26 08:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					02/13/26 08:55	03/09/26 08:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.815		0.458	0.464	1.00	0.664	pCi/L	02/13/26 09:01	02/25/26 11:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					02/13/26 09:01	02/25/26 11:39	1
Y Carrier	81.5		30 - 110					02/13/26 09:01	02/25/26 11:39	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.10		0.470	0.477	5.00	0.664	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-11

Lab Sample ID: 500-281584-6

Date Collected: 02/10/26 11:56

Matrix: Water

Date Received: 02/11/26 09:35

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	0.316		0.145	0.147	1.00	0.173	pCi/L	02/13/26 08:55	03/09/26 08:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.7		30 - 110					02/13/26 08:55	03/09/26 08:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.30		0.681	0.692	1.00	0.967	pCi/L	02/13/26 09:01	02/25/26 11:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.7		30 - 110					02/13/26 09:01	02/25/26 11:38	1
Y Carrier	82.6		30 - 110					02/13/26 09:01	02/25/26 11:38	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.62		0.696	0.707	5.00	0.967	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-14

Lab Sample ID: 500-281584-7

Date Collected: 02/10/26 10:42

Matrix: Water

Date Received: 02/11/26 09:35

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	<0.171	U	0.0935	0.0935	1.00	0.171	pCi/L	02/13/26 08:55	03/09/26 08:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					02/13/26 08:55	03/09/26 08:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.09		0.595	0.604	1.00	0.853	pCi/L	02/13/26 09:01	02/25/26 11:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					02/13/26 09:01	02/25/26 11:40	1
Y Carrier	82.2		30 - 110					02/13/26 09:01	02/25/26 11:40	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.12		0.602	0.611	5.00	0.853	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-16

Lab Sample ID: 500-281584-8

Date Collected: 02/10/26 13:00

Matrix: Water

Date Received: 02/11/26 09:35

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	<0.133	U	0.0924	0.0932	1.00	0.133	pCi/L	02/13/26 08:55	03/09/26 08:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.7		30 - 110					02/13/26 08:55	03/09/26 08:06	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	0.834		0.463	0.469	1.00	0.665	pCi/L	02/13/26 09:01	02/25/26 11:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.7		30 - 110					02/13/26 09:01	02/25/26 11:40	1
Y Carrier	81.9		30 - 110					02/13/26 09:01	02/25/26 11:40	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.966		0.472	0.478	5.00	0.665	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-07

Lab Sample ID: 500-281584-9

Date Collected: 02/11/26 11:18

Matrix: Water

Date Received: 02/12/26 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	0.298		0.115	0.118	1.00	0.123	pCi/L	02/20/26 08:45	03/16/26 21:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					02/20/26 08:45	03/16/26 21:31	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	1.37		0.494	0.510	1.00	0.608	pCi/L	02/20/26 08:48	03/06/26 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					02/20/26 08:48	03/06/26 11:56	1
Y Carrier	82.6		30 - 110					02/20/26 08:48	03/06/26 11:56	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.67		0.507	0.523	5.00	0.608	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: Duplicate

Lab Sample ID: 500-281584-10

Date Collected: 02/11/26 00:00

Matrix: Water

Date Received: 02/12/26 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		0.105	0.109	1.00	0.101	pCi/L	02/20/26 08:45	03/16/26 21:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					02/20/26 08:45	03/16/26 21:32	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	1.17		0.528	0.539	1.00	0.741	pCi/L	02/20/26 08:48	03/06/26 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					02/20/26 08:48	03/06/26 11:57	1
Y Carrier	80.7		30 - 110					02/20/26 08:48	03/06/26 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.46		0.538	0.550	5.00	0.741	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-05

Lab Sample ID: 500-281584-11

Date Collected: 02/11/26 10:23

Matrix: Water

Date Received: 02/12/26 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	0.198		0.0913	0.0930	1.00	0.0945	pCi/L	02/20/26 08:45	03/16/26 21:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					02/20/26 08:45	03/16/26 21:32	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	1.31		0.606	0.618	1.00	0.846	pCi/L	02/20/26 08:48	03/06/26 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					02/20/26 08:48	03/06/26 11:52	1
Y Carrier	79.6		30 - 110					02/20/26 08:48	03/06/26 11:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.50		0.613	0.625	5.00	0.846	pCi/L		03/17/26 14:17	1

Client Sample Results

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

Job ID: 500-281584-2

Client Sample ID: MW-06

Lab Sample ID: 500-281584-12

Date Collected: 02/11/26 12:22

Matrix: Water

Date Received: 02/12/26 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	0.340		0.144	0.147	1.00	0.161	pCi/L	02/20/26 08:45	03/16/26 21:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					02/20/26 08:45	03/16/26 21:32	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	0.645	0.649	1.00	1.01	pCi/L	02/20/26 08:48	03/06/26 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					02/20/26 08:48	03/06/26 11:52	1
Y Carrier	82.6		30 - 110					02/20/26 08:48	03/06/26 11:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.14		0.661	0.665	5.00	1.01	pCi/L		03/17/26 14:17	1

Definitions/Glossary

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

Job ID: 500-281584-2

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: 500-281584-2

Rad

Prep Batch: 757424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	PrecSep-21	
500-281584-2	MW-02	Total/NA	Water	PrecSep-21	
500-281584-3	MW-03	Total/NA	Water	PrecSep-21	
500-281584-4	MW-04	Total/NA	Water	PrecSep-21	
500-281584-5	MW-09	Total/NA	Water	PrecSep-21	
500-281584-6	MW-11	Total/NA	Water	PrecSep-21	
500-281584-7	MW-14	Total/NA	Water	PrecSep-21	
500-281584-8	MW-16	Total/NA	Water	PrecSep-21	
MB 160-757424/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-757424/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-281584-1 DU	MW-01	Total/NA	Water	PrecSep-21	

Prep Batch: 757425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-1	MW-01	Total/NA	Water	PrecSep_0	
500-281584-2	MW-02	Total/NA	Water	PrecSep_0	
500-281584-3	MW-03	Total/NA	Water	PrecSep_0	
500-281584-4	MW-04	Total/NA	Water	PrecSep_0	
500-281584-5	MW-09	Total/NA	Water	PrecSep_0	
500-281584-6	MW-11	Total/NA	Water	PrecSep_0	
500-281584-7	MW-14	Total/NA	Water	PrecSep_0	
500-281584-8	MW-16	Total/NA	Water	PrecSep_0	
MB 160-757425/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-757425/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-281584-1 DU	MW-01	Total/NA	Water	PrecSep_0	

Prep Batch: 758158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total/NA	Water	PrecSep-21	
500-281584-10	Duplicate	Total/NA	Water	PrecSep-21	
500-281584-11	MW-05	Total/NA	Water	PrecSep-21	
500-281584-12	MW-06	Total/NA	Water	PrecSep-21	
MB 160-758158/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758158/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 758159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-281584-9	MW-07	Total/NA	Water	PrecSep_0	
500-281584-10	Duplicate	Total/NA	Water	PrecSep_0	
500-281584-11	MW-05	Total/NA	Water	PrecSep_0	
500-281584-12	MW-06	Total/NA	Water	PrecSep_0	
MB 160-758159/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758159/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

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

Job ID: 500-281584-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-757424/1-A
Matrix: Water
Analysis Batch: 760357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 757424

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.0909	U	0.0428	0.0428	1.00	0.0909	pCi/L	02/13/26 08:55	03/09/26 07:52	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	84.1		30 - 110		02/13/26 08:55	03/09/26 07:52	1			

Lab Sample ID: LCS 160-757424/2-A
Matrix: Water
Analysis Batch: 760361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 757424

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	8.494		0.910	1.00	0.0978	pCi/L	89	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	86.9		30 - 110						

Lab Sample ID: 500-281584-1 DU
Matrix: Water
Analysis Batch: 760361

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 757424

Analyte	Sample	Sample	DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.146		<0.143	U	0.0994	1.00	0.143	pCi/L	0.02	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	84.1		30 - 110							

Lab Sample ID: MB 160-758158/1-A
Matrix: Water
Analysis Batch: 761610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758158

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.119	U	0.0548	0.0548	1.00	0.119	pCi/L	02/20/26 08:45	03/16/26 21:36	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	81.2		30 - 110		02/20/26 08:45	03/16/26 21:36	1			

Lab Sample ID: LCS 160-758158/2-A
Matrix: Water
Analysis Batch: 761610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758158

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	10.14		1.08	1.00	0.105	pCi/L	106	75 - 125

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QC Sample Results

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

Job ID: 500-281584-2

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

Lab Sample ID: LCS 160-758158/2-A
Matrix: Water
Analysis Batch: 761610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758158

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-757425/1-A
Matrix: Water
Analysis Batch: 758722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 757425

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.657	U	0.422	0.424	1.00	0.657	pCi/L	02/13/26 09:01	02/25/26 11:40	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110	02/13/26 09:01	02/25/26 11:40	1
Y Carrier	82.2		30 - 110	02/13/26 09:01	02/25/26 11:40	1

Lab Sample ID: LCS 160-757425/2-A
Matrix: Water
Analysis Batch: 758722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 757425

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	9.39	11.31		1.53	1.00	0.637	pCi/L	120	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.9		30 - 110
Y Carrier	79.3		30 - 110

Lab Sample ID: 500-281584-1 DU
Matrix: Water
Analysis Batch: 758731

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 757425

Analyte	Sample Sample		DU	DU	Total	RL	MDC	Unit	RER	RER
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					Limit
Radium-228	<0.561	U	0.7031		0.363	1.00	0.480	pCi/L	0.83	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	84.1		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: MB 160-758159/1-A
Matrix: Water
Analysis Batch: 760238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758159

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.560	U	0.321	0.322	1.00	0.560	pCi/L	02/20/26 08:48	03/06/26 11:54	1

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QC Sample Results

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

Job ID: 500-281584-2

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

Lab Sample ID: MB 160-758159/1-A
Matrix: Water
Analysis Batch: 760238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758159

Carrier	MB MB		Limits
	%Yield	Qualifier	
Ba Carrier	81.2		30 - 110
Y Carrier	81.1		30 - 110

Prepared	Analyzed	Dil Fac
02/20/26 08:48	03/06/26 11:54	1
02/20/26 08:48	03/06/26 11:54	1

Lab Sample ID: LCS 160-758159/2-A
Matrix: Water
Analysis Batch: 760238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758159

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	80.1		30 - 110
Y Carrier	79.6		30 - 110

Eurofins Chicago

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

Chain of Custody Record

eurofins | Environment Testing

Client Information		Sampler: <u>Kaelyn Sperte</u>		Lab PM: <u>Nelson, Dirk</u>		Carrier Tracking No(s):		COC No: <u>500-146411-44027 1</u>	
Client Contact: <u>Mitchell Dehm</u>		Phone: <u>262-278 1621</u>		E-Mail: <u>Dirk.Nelson@et.eurofinsus.com</u>		State of Origin: <u>IL</u>		Page: <u>1 of 2</u> Page 1 of 2 1 of 1	
Company: <u>KPRG and Associates, Inc.</u>		PWSID:		Analysis Requested		Job #:		<u>500-287584</u>	
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested: <u>standard</u>		TAT Requested (days):		Preservation Codes:		D HNO3 N None	
City: <u>Brookfield</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #: <u>4502230086</u>		Other:			
State, Zip: <u>WI, 53005</u>		Project #: <u>50011597</u>		WO #:		Special Instructions/Note:			
Phone: <u>262-781-0475(Tel)</u>		SSOW#:		Field Filtered Sample (Yes or No)		Total Number of Containers:			
Email: <u>mittcheld@kprginc.com</u>		Project Name: <u>Waukegan CCR Event Desc: Quarterly Waukegan CCR</u>		Performs MS/MSD (Yes or No)		500.0, 904.0			
Project Name: <u>Waukegan CCR</u>		Site: <u>Illinois</u>		6020B, 7470A		2540C, 4500_F_C, SM4500_CL, SM4500_SO4_E			
Site: <u>Illinois</u>		Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
		Matrix (W=water, S=solid, O=wastewat, BT=Tissue, A=Air, DW=Drinking Water)		Preservation Code:		Field Filtered Sample (Yes or No)		Total Number of Containers:	
		MW-01				Water		X X D D N	
		MW-02				Water			
		MW-03				Water			
		MW-04				Water			
5		MW-09		2/10/26 1405		Water		M N X X X	
8		MW-11		2/10/26 1156		Water		M N X X X	
2		MW-14		2/10/26 1042		Water		M N X X X	
		MW-16		2/10/26 1300		Water		M N X X X	
		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)				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <u>Kaelyn Ingle</u>		Date/Time: <u>2/10/26 1700</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/10/26 1700</u>	
Relinquished by:		Date/Time:		Company:		Received by: <u>Shirley Smith</u>		Date/Time: <u>2/11/26 0935</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: <u>-0.6 → -0.4</u>					

FEDERICK ALLENBERGER
KPRG AND ASSOCIATES INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD WI 53005
UNITED STATES US

ACTUAL BUSINESS
CAD 0780307/CAFE3953

Part # 159489-434 RRO82 EXP 10/25



500 281584 Waybl

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

(708) 634-6200

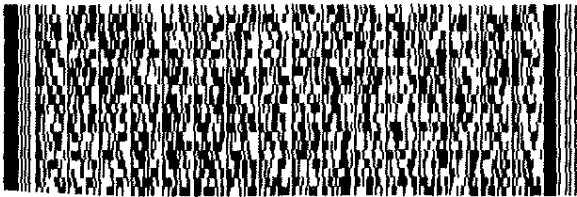
REF

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DEPT.

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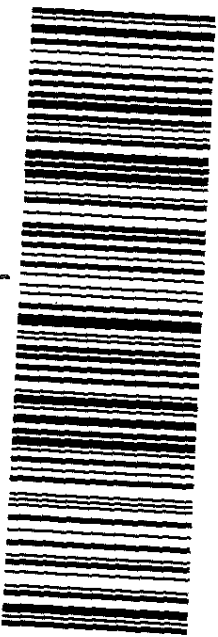


FedEx
Express



AN L052P0520352F

#439588 02/09 58KJ5/505T/464B



79 JOTA

FedEx
TRK# 5017 2472 3338
10221

TUE - 10 FEB 10:30A
PRIORITY OVERNIGHT

IL - US

60487

ORIG

297-435 BPAW2 EXP 10/26

EUROFINS
415-4033FL
PRIORITY OVERNIGHT
02/17/09
02/17/09
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K10100468

50-610

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

301
eu

ACTWGT 20.00 LB MAN
CAD 0760307/CAFE3953



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

500-281564 Waybi

(708) 634-6200
REF: PO.

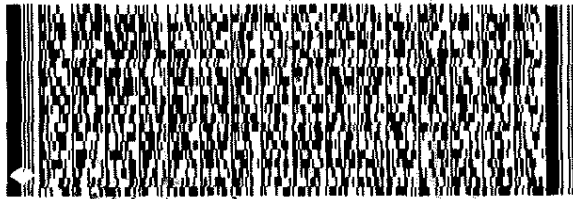
REF:

DEPT:

-0.4+0.4

EXP 10/26

RMA



FedEx
Express



AN 4062-01222225

FedEx

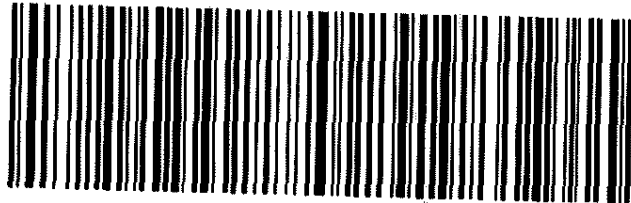
TRK# 5017 2472-3257
0221

WED - 11 FEB 10:30A
PRIORITY OVERNIGHT

79 JOTA

60487
IL-US ORD

EXP 10/26



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OTCAW - FLEETMAN
KPMG AND ASSOCIATES, INC
1466 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ON MOI EVLOS LE #
CAD 07803077CAFE3953

Part # 159469-434 RFD82 EXP 10/26
4859/2434/23284

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



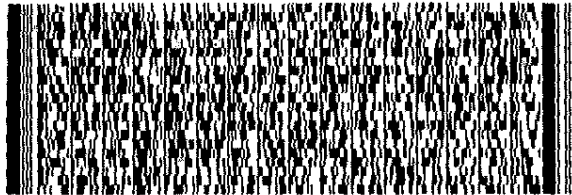
500-281584 Waybi

(780) 534-5200

REF:

DEPT:

RMA. III IIIII III



FedEx
EXPRESS



AN1002495205327

FedEx

TRK# 5017 2472 3290
0221

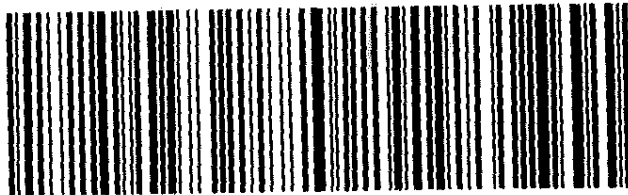
THU - 12 FEB 10:30A
PRIORITY OVERNIGHT

79 JOTA

707-710

60487
IL-US ORD

100297434-58912 EXP 10/26



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-2

Login Number: 281584

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.5 Samples not frozen,-0.4,0.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-2

Login Number: 281584

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/11/26 12:20 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-2

Login Number: 281584

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/12/26 11:04 AM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-281584-2

Login Number: 281584

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 02/13/26 01:34 PM

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

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



Lab Chronicle

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

Job ID: 500-281584-2

Client Sample ID: MW-01

Lab Sample ID: 500-281584-1

Date Collected: 02/09/26 11:45

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 08:07
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758731	SWS	EET SL	02/25/26 11:44
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:12

Client Sample ID: MW-02

Lab Sample ID: 500-281584-2

Date Collected: 02/09/26 13:04

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 09:59
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758731	SWS	EET SL	02/25/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:12

Client Sample ID: MW-03

Lab Sample ID: 500-281584-3

Date Collected: 02/09/26 14:26

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 09:59
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758731	SWS	EET SL	02/25/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-04

Lab Sample ID: 500-281584-4

Date Collected: 02/09/26 15:23

Matrix: Water

Date Received: 02/10/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 09:59
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758731	SWS	EET SL	02/25/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Lab Chronicle

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

Job ID: 500-281584-2

Client Sample ID: MW-09

Lab Sample ID: 500-281584-5

Date Collected: 02/10/26 14:05

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 08:05
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758722	SWS	EET SL	02/25/26 11:39
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-11

Lab Sample ID: 500-281584-6

Date Collected: 02/10/26 11:56

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 08:05
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758722	SWS	EET SL	02/25/26 11:38
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-14

Lab Sample ID: 500-281584-7

Date Collected: 02/10/26 10:42

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 08:06
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758722	SWS	EET SL	02/25/26 11:40
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-16

Lab Sample ID: 500-281584-8

Date Collected: 02/10/26 13:00

Matrix: Water

Date Received: 02/11/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757424	VLQ	EET SL	02/13/26 08:55
Total/NA	Analysis	903.0		1	760361	SWS	EET SL	03/09/26 08:06
Total/NA	Prep	PrecSep_0			757425	VLQ	EET SL	02/13/26 09:01
Total/NA	Analysis	904.0		1	758722	SWS	EET SL	02/25/26 11:40
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Lab Chronicle

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

Job ID: 500-281584-2

Client Sample ID: MW-07

Lab Sample ID: 500-281584-9

Date Collected: 02/11/26 11:18

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758158	AMS	EET SL	02/20/26 08:45
Total/NA	Analysis	903.0		1	761609	SWS	EET SL	03/16/26 21:31
Total/NA	Prep	PrecSep_0			758159	AMS	EET SL	02/20/26 08:48
Total/NA	Analysis	904.0		1	760238	SWS	EET SL	03/06/26 11:56
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: Duplicate

Lab Sample ID: 500-281584-10

Date Collected: 02/11/26 00:00

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758158	AMS	EET SL	02/20/26 08:45
Total/NA	Analysis	903.0		1	761609	SWS	EET SL	03/16/26 21:32
Total/NA	Prep	PrecSep_0			758159	AMS	EET SL	02/20/26 08:48
Total/NA	Analysis	904.0		1	760238	SWS	EET SL	03/06/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-05

Lab Sample ID: 500-281584-11

Date Collected: 02/11/26 10:23

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758158	AMS	EET SL	02/20/26 08:45
Total/NA	Analysis	903.0		1	761609	SWS	EET SL	03/16/26 21:32
Total/NA	Prep	PrecSep_0			758159	AMS	EET SL	02/20/26 08:48
Total/NA	Analysis	904.0		1	760271	SWS	EET SL	03/06/26 11:52
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Client Sample ID: MW-06

Lab Sample ID: 500-281584-12

Date Collected: 02/11/26 12:22

Matrix: Water

Date Received: 02/12/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758158	AMS	EET SL	02/20/26 08:45
Total/NA	Analysis	903.0		1	761609	SWS	EET SL	03/16/26 21:32
Total/NA	Prep	PrecSep_0			758159	AMS	EET SL	02/20/26 08:48
Total/NA	Analysis	904.0		1	760271	SWS	EET SL	03/06/26 11:52
Total/NA	Analysis	Ra226_Ra228		1	761786	FLC	EET SL	03/17/26 14:17

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 500-281584-2

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

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Tracer/Carrier Summary

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

Job ID: 500-281584-2

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)	
500-281584-1	MW-01	83.8	
500-281584-1 DU	MW-01	84.1	
500-281584-2	MW-02	75.0	
500-281584-3	MW-03	87.8	
500-281584-4	MW-04	82.1	
500-281584-5	MW-09	85.5	
500-281584-6	MW-11	74.7	
500-281584-7	MW-14	86.6	
500-281584-8	MW-16	80.7	
500-281584-9	MW-07	75.8	
500-281584-10	Duplicate	81.2	
500-281584-11	MW-05	74.1	
500-281584-12	MW-06	78.6	
LCS 160-757424/2-A	Lab Control Sample	86.9	
LCS 160-758158/2-A	Lab Control Sample	80.1	
MB 160-757424/1-A	Method Blank	84.1	
MB 160-758158/1-A	Method Blank	81.2	

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 (30-110)	Y (30-110)
500-281584-1	MW-01	83.8	80.4
500-281584-1 DU	MW-01	84.1	81.9
500-281584-2	MW-02	75.0	80.4
500-281584-3	MW-03	87.8	81.9
500-281584-4	MW-04	82.1	81.1
500-281584-5	MW-09	85.5	81.5
500-281584-6	MW-11	74.7	82.6
500-281584-7	MW-14	86.6	82.2
500-281584-8	MW-16	80.7	81.9
500-281584-9	MW-07	75.8	82.6
500-281584-10	Duplicate	81.2	80.7
500-281584-11	MW-05	74.1	79.6
500-281584-12	MW-06	78.6	82.6
LCS 160-757425/2-A	Lab Control Sample	86.9	79.3
LCS 160-758159/2-A	Lab Control Sample	80.1	79.6
MB 160-757425/1-A	Method Blank	84.1	82.2
MB 160-758159/1-A	Method Blank	81.2	81.1

Tracer/Carrier Legend
 Ba = Ba Carrier
 Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/16/2026 3:19:00 PM

JOB DESCRIPTION

Waukegan CCR - MW-09 Resample

JOB NUMBER

500-282847-1

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
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Case Narrative

Client: KPRG and Associates, Inc.
Project: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

Job ID: 500-282847-1

Eurofins Chicago

Job Narrative 500-282847-1

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 sample was received on 3/7/2026 11:50 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

Metals

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI

Protocol References:

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 - MW-09 Resample

Job ID: 500-282847-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-282847-1	MW-09	Water	03/06/26 11:01	03/07/26 11:50	Illinois

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

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

Client Sample ID: MW-09

Lab Sample ID: 500-282847-1

Date Collected: 03/06/26 11:01

Matrix: Water

Date Received: 03/07/26 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	54		10		ug/L		03/09/26 10:55	03/16/26 12:41	1
Molybdenum	56		5.0		ug/L		03/09/26 10:55	03/13/26 13:39	1
Selenium	<2.5		2.5		ug/L		03/09/26 10:55	03/13/26 13:39	1

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Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

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 - MW-09 Resample

Job ID: 500-282847-1

Metals

Prep Batch: 856531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-282847-1	MW-09	Total Recoverable	Water	3005A	
MB 500-856531/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-856531/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 857304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-282847-1	MW-09	Total Recoverable	Water	6020B	856531
MB 500-856531/1-A	Method Blank	Total Recoverable	Water	6020B	856531
LCS 500-856531/2-A	Lab Control Sample	Total Recoverable	Water	6020B	856531

Analysis Batch: 857521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-282847-1	MW-09	Total Recoverable	Water	6020B	856531
MB 500-856531/1-A	Method Blank	Total Recoverable	Water	6020B	856531
LCS 500-856531/2-A	Lab Control Sample	Total Recoverable	Water	6020B	856531

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-856531/1-A
Matrix: Water
Analysis Batch: 857304

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 856531

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Molybdenum	<5.0		5.0		ug/L		03/09/26 10:55	03/13/26 13:09	1
Selenium	<2.5		2.5		ug/L		03/09/26 10:55	03/13/26 13:09	1

Lab Sample ID: MB 500-856531/1-A
Matrix: Water
Analysis Batch: 857521

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 856531

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lithium	<10		10		ug/L		03/09/26 10:55	03/16/26 12:36	1

Lab Sample ID: LCS 500-856531/2-A
Matrix: Water
Analysis Batch: 857304

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 856531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	100	95.3		ug/L		95	80 - 120

Lab Sample ID: LCS 500-856531/2-A
Matrix: Water
Analysis Batch: 857521

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 856531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-282847-1

Login Number: 282847

List Number: 1

Creator: Schmidt, Kara

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Waukegan CCR - MW-09 Resample

Job ID: 500-282847-1

Client Sample ID: MW-09
Date Collected: 03/06/26 11:01
Date Received: 03/07/26 11:50

Lab Sample ID: 500-282847-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			856531	MS	EET CHI	03/09/26 10:55 - 03/09/26 16:55 ¹
Total Recoverable	Analysis	6020B		1	857304	RN	EET CHI	03/13/26 13:39
Total Recoverable	Prep	3005A			856531	MS	EET CHI	03/09/26 10:55 - 03/09/26 16:55 ¹
Total Recoverable	Analysis	6020B		1	857521	RN	EET CHI	03/16/26 12:41

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 - MW-09 Resample

Job ID: 500-282847-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

1

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13

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/9/26
Sample Name	MW-01	Start Time	1117	
Condition of Well	good			
Water Level	23.18	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	23.21	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit & CCR	Sample Time	1145	
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)
1128	23.18	6.89	12.0	.644	8.54	119.2	12.92
1131	-	7.56	12.8	.757	2.74	115.2	14.05
1134	-	7.59	12.9	.752	1.27	112.5	12.60
1137	-	7.59	12.8	.736	0.75	111.4	13.07
1140	23.21	7.59	12.6	.732	0.69	110.5	12.45

SAMPLING NOTES:

~~#~~-PUMP FROZEN - USED TORCH TO THAW

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/9/26
Sample Name	MW-02	Start Time	1222	
Condition of Well	good			
Water Level	23.00	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	14 gals	WL at Sample Time	23.15	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit & CCR	Sample Time	1304	
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)
1240	23.00	7.74	9.9	.672	8.60	75.6	19.45
1243	-	8.16	12.7	.751	1.15	70.3	18.44
1246	-	8.28	12.9	.746	0.67	53.6	14.44
1249	-	8.32	12.7	.746	0.50	29.5	12.34
1252	-	8.31	12.9	.749	0.40	0.3	11.20
1255	-	8.30	12.9	.750	0.37	-11.6	10.86
1258	-	8.27	12.8	.749	0.35	-27.7	10.72
1301	-	8.28	12.8	.750	0.31	-42.7	10.35
1304	-	8.27	12.8	.752	0.29	-58.0	10.22

SAMPLING NOTES:

PUMP TUBING FROZEN-THAWED w/ TORCH

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/9/26
Sample Name	MW-03	Start Time	1400	
Condition of Well	good			
Water Level	23.44	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	clear, sl. swampy odor	
Volume Removed	10 gts	WL at Sample Time	23.59	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permits & CCR	Sample Time	1426	
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)
1404	23.44	9.20	12.9	.633	1.09	5.7	17.98
1407	-	9.56	13.0	.629	0.56	-40.8	15.71
1410	-	9.74	13.1	.632	0.43	-67.4	14.79
1413	-	9.76	13.0	.637	0.40	-78.6	13.53
1416	-	9.78	13.1	.641	0.37	-86.9	12.89
1419	-	9.78	13.0	.645	0.36	-90.8	12.32
1422	23.59	9.83	13.0	.649	0.33	-95.2	12.16

SAMPLING NOTES:

PUMP FROZEN - THAWED w/ TORCH

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	2/9/26
Sample Name	MW-04	Start Time	1502	
Condition of Well	good			
Water Level	23.24	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	sl. cloudy, brown	
Volume Removed	10 gts	WL at Sample Time	23.24	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit & CCR	Sample Time	1523	
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)
1504	23.24	7.84	12.5	.965	1.39	-107.2	23.54
1507	-	8.30	12.6	.940	0.52	-165.2	13.82
1510	-	8.42	12.6	.931	0.41	-184.5	13.32
1513	-	8.46	12.7	.922	0.35	-199.2	12.16
1516	-	8.47	12.7	0.912	0.31	-206.6	11.90
1519	23.24	8.45	12.8	.910	0.28	-212.7	11.20

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/11/26
Sample Name	MW-05	Start Time	0951	
Condition of Well	good			
Water Level	23.34	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	sl. cloudy, brown	
Volume Removed	8 gts	WL at Sample Time	23.34	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit & CCR	Sample Time	1023	
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)
1007	23.34	7.07	11.5	1.304	3.07	-88.4	80.63
1010	-	7.12	11.6	1.302	1.17	-109.4	79.02
1013	-	7.11	11.6	1.307	0.71	-112.3	58.82
1016	-	7.11	11.6	1.311	0.57	-113.2	48.15
1019	23.34	7.10	11.7	1.309	0.46	-113.4	39.63

SAMPLING NOTES:

- PERMIT DUPLICATE
- THAWED TUBING w/ TRUCK

Sampler Name and Company:

KPRG and Associates

KIS

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/11/26
Sample Name	MW-06	Start Time	1205	
Condition of Well	good			
Water Level	8.19	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, brown	
Volume Removed	6 gts	WL at Sample Time	8.21	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit & CCR	Sample Time	1222	
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)
1209	8.19	7.06	7.6	1.046	2.11	-49.7	99.58
1212	-	7.04	7.3	1.053	0.79	-64.7	91.96
1215	-	7.04	7.2	1.050	0.61	-68.5	89.70
1218	-	7.05	7.1	1.045	0.55	-70.5	68.36
1221	8.21	7.05	7.1	1.037	0.49	-72.4	53.05

SAMPLING NOTES:

CCR Duplicate

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/11/26
Sample Name	MW-07	Start Time	1101	
Condition of Well	good			
Water Level	18.21	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, gray	
Volume Removed	5.5 gts	WL at Sample Time	18.23	
Method of Sample	Low flow bladder	Sample Characteristics	clear w/ yellow tint	
Sample Analysis	permit & CCR	Sample Time	1118	
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)
1102	18.21	7.04	11.6	1.633	5.41	-29.9	60.48
1105	-	7.16	11.8	1.624	1.20	-107.7	58.84
1108	-	7.16	11.8	1.592	0.59	-120.0	65.96
1111	-	7.15	11.7	1.586	0.48	-122.6	69.67
1114	18.23	7.14	11.9	1.573	0.48	-123.2	89.45

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

[Signature]

PROJECT NAME	12313.2 - Waukegan Station		DATE	2/10/26
Sample Name	MW-09	Start Time	1346	
Condition of Well	good			
Water Level	10.96	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	Sl. cloudy, brown	
Volume Removed	3 gts	WL at Sample Time	10.98	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	permit (not reported), CCR	Sample Time	1405	
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)
1350	10.96	7.65	18.4	0.009	→ HAD TO STOP & ADJUST TUBING AS WATER WENT BACK BUT THRU CELL		
1352	10.96	7.26	11.0	1.344	6.29	63.5	69.55
1355	-	6.98	11.9	1.554	2.58	64.7	81.30
1358	-	6.98	11.9	1.558	2.32	64.4	46.77
1401	10.98	6.98	11.8	1.567	2.26	64.8	27.21

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.2 – Waukegan Station		DATE	2/10/26
Sample Name	MW-11	Start Time	1013	
Condition of Well	good			
Water Level	6.61	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, reddish-brown	
Volume Removed	7 gts	WL at Sample Time	6.68	
Method of Sample	Low flow bladder	Sample Characteristics	cloudy, reddish-brown	
Sample Analysis	permit (ELUC) & CCR	Sample Time	1042	
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)
1023	6.61	7.30	10.4	1.104	3.44	-98.4	705.50
1026	-	7.09	10.2	1.106	0.92	-105.4	288.88
1029	-	7.08	10.0	1.103	0.61	-109.4	209.47
1032	-	7.09	10.0	1.103	0.47	-111.3	212.05
1035	-	7.09	9.9	1.102	0.40	-111.1	165.47
1038	6.68	7.09	9.9	1.101	0.36	-111.7	130.05

SAMPLING NOTES:

- LET WELL PURGE FOR 10 MINUTES BECAUSE OF HIGH TURBIDITY THAT HAS CLEARED UP IN THE PAST - WENT FROM BROWN & OPAQUE w/ SOLIDS VISIBLE TO CLOUDY, BROWN

Sampler Name and Company:

KPRG and Associates

KIS

PROJECT NAME	12313.2 – Waukegan Station		DATE	2/10/26
Sample Name	MW-14	Start Time	11.29	
Condition of Well	good			
Water Level	6.10	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, brown	
Volume Removed	7 gts	WL at Sample Time	6.10	
Method of Sample	Low flow bladder	Sample Characteristics	Clear w/ yellow tint	
Sample Analysis	permit (ELUC) & CCR	Sample Time	1156	
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)
1131	6.10	7.32	9.0	.873	2.91	-32.7	860.30
1134	-	7.18	8.4	.902	0.68	-82.4	1021.24
1137	-	7.17	8.4	.942	0.45	-101.6	685.89
1140	-	7.15	8.3	.992	0.34	-110.7	678.56
1143	-	7.14	8.4	1.050	0.29	-119.2	273.79
1146	-	7.14	8.4	1.051	0.27	-121.6	64.46
1149	-	7.13	8.4	1.066	0.25	-122.7	46.27
1152	6.10	7.12	8.3	1.080	0.23	-124.3	38.54

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KES

PROJECT NAME	12313.2 – Waukegan Station		DATE	2/10/26
Sample Name	MW-16	Start Time	1241	
Condition of Well	good			
Water Level	28.16	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, brown	
Volume Removed	4.5 gts	WL at Sample Time	28.16	
Method of Sample	Low flow bladder	Sample Characteristics	clear w/ yellow tint	
Sample Analysis	CCR	Sample Time	1300	
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)
1244	28.16	6.90	12.9	1.461	4.04	13.6	163.18
1247	-	6.94	13.1	1.454	0.93	-15.9	128.18
1250	-	6.97	13.1	1.436	0.67	-20.8	122.32
1253	-	6.98	13.2	1.427	0.58	-23.6	93.12
1256	28.16	6.99	13.2	1.425	0.47	-26.2	65.00

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KLS