

DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 2 S (IEPA ID No. W1978100011-03)
 Pond 3 S (IEPA ID No. W1978100011-04)

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 2022 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. In addition, Table 2 provides a summary of turbidity data which was collected as part of State CCR Rule requirements which is a data parameter that was not required under the Federal CCR Rule.

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

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, 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	
MW-05 up-gradient	11/11/2015	6.1	220	110	0.31	7.24	770	1,900	< 0.003	0.0014	0.071	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.0750	-0.168	0.031	< 0.002	
	2/18/2016	4.4	230	120	0.31	6.99	730	1,600	< 0.003	0.0021	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.079	0.468	0.019	< 0.002	
	5/26/2016	3.7	170	110	0.33	6.73	670	1,500	< 0.003	0.0023	0.055	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.077	< 0.402	0.019	< 0.002	
	8/10/2016	3.6	67	120	0.72	8.62	480	970	< 0.003	0.0044	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	F1 < 0.0002	0.14	< 0.394	0.0049	< 0.002	
	10/26/2016	3.6	44	120	0.70	9.08	410	920	< 0.003	0.0047	0.033	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.12	0.592	< 0.0025	< 0.002	
	2/1/2017	4.6	250	48	0.35	6.81	530	1,600	< 0.003	0.0015	0.058	* < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	^ < 0.0002	0.048	< 0.424	0.029	< 0.002	
	5/11/2017	4.0	140	85	0.31	7.86	610	1,200	< 0.003	0.0035	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.093	< 0.388	< 0.0025	< 0.002	
	6/27/2017	3.8	83	99	0.53	7.95	500	1,000	< 0.003	0.0037	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.11	0.412	< 0.0025	< 0.002	
	9/8/2017	4.8	89	78	0.52	9.40	490	1,000	< 0.003	0.0038	V 0.069	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.095	0.486	0.0047	< 0.002	
	11/16/2017	4.8	180	52	0.45	6.70	650	1,500	< 0.003	0.0028	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.064	< 0.379	0.012	< 0.002	
	5/2/2018	3.6	200	32	0.39	7.23	510	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	4.9	150	55	0.48	7.07	430	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	4.1	61	91	0.59	9.10	380	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	4.9	170	31	0.41	6.95	440	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/2020	4.5	52	70	0.59	7.39	300	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/4/2020	5.0	130	29	0.38	7.06	410	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	4.7	120	28	0.53	7.07	430	1,000	< 0.003	0.0011	0.046	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.063	< 0.492	0.042	< 0.002	
	8/24/2021	4.6	33	45	0.74	9.42	410	580	< 0.003	0.0054	0.028	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.091	1.230	< 0.0025	< 0.002	
	11/23/2021	5.5	140	22	0.44	6.80	370	1,100	< 0.003	0.0035	0.066	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.066	0.784	0.012	< 0.002	
	2/24/2022	4.9	210	25	0.39	6.73	660	1,400	< 0.003	0.0092	0.077	< ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.059	< 0.415	0.048	< 0.002	
MW-06 up-gradient	11/10/2015	3.0	52	100	0.55	8.63	300	660	< 0.003	0.0016	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.0670	-0.383	0.0039	< 0.002	
	2/18/2016	2.5	74	150	0.47	8.58	280	650	< 0.003	0.0014	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.0630	0.412	< 0.0025	< 0.002	
	5/26/2016	2.7	86	92	0.44	7.79	350	800	< 0.003	0.002	0.068	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.042	< 0.422	< 0.0025	< 0.002	
	8/11/2016	3.6	110	58	0.35	7.74	330	840	< 0.003	0.0029	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.038	< 0.339	< 0.0025	< 0.002	
	10/26/2016	3.8	86	74	0.40	8.16	220	800	< 0.003	0.003	0.074	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.043	< 0.531	< 0.0025	< 0.002	
	2/1/2017	3.4	70	83	0.41	7.88	260	700	< 0.003	0.0043	0.068	* < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	^ < 0.0002	0.05	< 0.511	0.0035	< 0.002	
	5/11/2017	3.0	75	84	0.28	8.68	330	570	< 0.003	0.002	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	0.00054	0.011	< 0.0002	0.054	< 0.388	< 0.0025	< 0.002	
	6/27/2017	3.1	65	74	0.38	8.15	330	710	< 0.003	0.0014	0.069	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.046	0.408	< 0.0025	< 0.002	
	9/7/2017	3.5	75	67	0.40	8.20	300	740	< 0.003	0.0025	0.077	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.044	0.397	< 0.0025	< 0.002	
	11/16/2017	3.9	88	54	0.39	7.59	280	810	< 0.003	0.0028	0.077	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.038	0.491	0.012	< 0.002	
	5/3/2018	3.0	91	52	0.26	6.91	NA	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2018 R	NA	NA	NA	NA	7.47	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	3.5	93	44	0.31	7.83	240	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	4.3	120	38	0.21	7.51	350	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/3/2019 R	3.2	NA	NA	NA	8.28	NA	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	4.2	98	31	0.33	7.91	210	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/22/2020	3.4	98	56	0.31	7.47	180	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	3.3	100	43	0.36	7.29	170	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	2.6	99	46	0.33	7.65	160	610	< 0.003	0.0025	0.08	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.017	0.576	< 0.0025	< 0.002	
	8/24/2021	2.9	100	100	0.35	7.09	170	370	< 0.003	0.0029	0.093	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.018	< 0.468	< 0.0025	< 0.002	
11/23/2021	2.6	85	43	0.37	7.48	150	720	< 0.003	0.002	0.07	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.017	1.02	< 0.0025	< 0.002		
2/22/2022	2.8	130	35	0.33	7.29	260	940	< 0.003	0.0019	0.090	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.033	0.551	0.05	< 0.002		
MW-09 down-gradient	11/11/2015	1.9	56	190	0.55	9.12	460	750	< 0.003	0.0047	0.027	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.14	-0.2208	< 0.0025	< 0.002	
	2/17/2016	1.8	47	160	0.55	9.10	250	600	< 0.003	0.0051	0.027	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00065	< 0.01	< 0.0002	0.089	< 0.373	< 0.0025	< 0.002	
	5/24/2016	1.6	48	180	0.51	8.79	240	640	< 0.003	0.0043	0.027	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00071	< 0.01	< 0.0002	0.079	0.508	< 0.0025	< 0.002	
	8/9/2016	2.2	53	140	0.48	8.35	280	750	< 0.003	0.0052	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.14	0.639	< 0.0025	< 0.002	
	10/26/2016	2.2	33	130	0.81	9.16	230	660	< 0.003	0.0069	0.019	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	< 0.01	< 0.0002	0.11	0.608	< 0.0025	< 0.002	
	1/31/2017	2.0	61	250	0.57	8.59	180	710	< 0.003	0.0063	0.038	* < 0.001	< 0.0005	< 0.005	< 0.0010	0.0014	< 0.01	^ < 0.0002	0.09	< 0.45	< 0.0025	< 0.002	
	5/9/2017	1.8	66	340	0.38																		

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, 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	
MW-10 down-gradient	11/10/2015	3.9	140	140	0.77	7.34	310	980	< 0.003	0.015	0.096	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.068	1.341	< 0.0025	< 0.002	
	2/16/2016	3.6	150	240	0.79	7.29	290	950	< 0.003	0.014	0.098	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.075	0.952	< 0.0025	< 0.002	
	5/25/2016	3.6	120	140	0.83	7.26	260	1,000	< 0.003	0.034	0.096	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00055	0.016	< 0.0002	0.065	0.51	< 0.0025	< 0.002	
	8/10/2016	4.3	150	120	0.78	7.22	230	970	< 0.003	0.017	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.082	0.864	< 0.0025	< 0.002	
	10/26/2016	3.0	160	74	0.52	7.30	220	1,000	< 0.003	0.022	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.030	0.458	< 0.0025	< 0.002	
	2/2/2017	3.7	180	81	0.54	7.16	160	930	< 0.003	0.05	0.14	* < 0.001	< 0.0005	< 0.005	< 0.001	0.0013	0.02	^ < 0.0002	0.031	< 0.464	< 0.0025	< 0.002	
	5/10/2017	3.0	150	100	0.44	7.83	340	860	< 0.003	0.02	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.066	0.882	< 0.0025	< 0.002	
	6/27/2017	2.8	130	110	0.67	7.49	250	930	< 0.003	0.0072	0.096	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.080	0.953	< 0.0025	< 0.002	
	9/7/2017	2.8	120	120	0.77	7.37	290	920	< 0.003	0.0076	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	0.00058	0.096	0.921	< 0.0025	< 0.002	
	11/15/2017	4.1	140	120	0.77	7.10	270	1,000	< 0.003	0.015	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.071	0.893	< 0.0025	< 0.002	
	5/1/2018	3.2	150	130	0.65	7.31	280	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	2.5	110	140	0.89	7.60	200	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	2.8	100	140	0.82	7.53	260	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	3.7	120	110	0.93	7.21	190	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/2020	2.3	100	170	0.90	7.29	280	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	3.7	130	140	0.87	7.02	180	920	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	3.0	160	130	0.62	7.16	160	910	< 0.003	0.018	0.18	^1+ < 0.001	< 0.0005	< 0.005	0.0013	0.0054	0.02	< 0.0002	0.036	< 1.14	< 0.0025	< 0.002	
	8/26/2021	2.5	110	140	0.82	7.70	250	740	< 0.003	0.009	0.085	< 0.001	< 0.0005	< 0.005	< 0.001	0.00073	0.017	< 0.0002	0.12	1.48	< 0.0025	< 0.002	
	11/23/2021	2.7	110	130	0.71	7.07	230	990	< 0.003	0.012	0.091	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	0.0011	0.013	< 0.0002	0.048	2.22	< 0.0025	< 0.002	
	2/24/2022	2.6	130	120	0.53	7.02	170	840	< 0.003	0.0072	0.1	< ^1+ 0.001	< 0.0005	< 0.005	< 0.0012	0.001	0.014	< 0.0002	0.043	0.768	< 0.0025	< 0.002	
MW-11 down-gradient	11/10/2015	2.6	120	89	0.61	7.60	180	620	< 0.003	0.007	0.098	< 0.001	< 0.0005	< 0.005	< 0.001	0.00064	< 0.01	< 0.0002	0.0600	0.736	< 0.0025	< 0.002	
	2/16/2016	3.0	100	88	0.68	7.47	170	640	< 0.003	0.0059	0.11	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.078	1.14	< 0.0025	< 0.002	
	5/25/2016	2.8	82	98	0.75	7.43	170	640	< 0.003	0.0073	0.093	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.083	0.775	< 0.0025	< 0.002	
	8/10/2016	3.1	96	86	0.72	7.57	150	660	< 0.003	0.0072	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	0.087	0.807	< 0.0025	< 0.002	
	10/26/2016	2.5	110	67	0.53	7.82	120	630	< 0.003	0.0082	0.096	< 0.001	< 0.0005	< 0.005	< 0.001	0.00052	< 0.01	< 0.0002	0.043	0.51	< 0.0025	< 0.002	
	2/1/2017	3.9	110	72	0.65	7.54	110	600	< 0.003	0.011	0.15	* < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.076	0.909	< 0.0025	< 0.002	
	5/10/2017	3.1	95	84	0.46	8.37	170	590	< 0.003	0.014	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.074	1.03	< 0.0025	< 0.002	
	6/27/2017	2.8	87	90	0.59	7.57	150	680	< 0.003	0.0058	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.069	0.692	< 0.0025	< 0.002	
	9/7/2017	2.8	90	94	0.58	7.40	150	730	< 0.003	0.0074	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.067	0.676	< 0.0025	< 0.002	
	11/15/2017	2.9	96	100	0.65	7.41	160	750	< 0.003	0.0082	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.075	1.04	< 0.0025	< 0.002	
	5/3/2018	3.8	73	110	0.69	6.74	190	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	3.1	78	110	0.66	7.65	120	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	2.2	86	110	0.49	7.55	120	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	2.5	100	80	0.55	7.26	91	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2020	2.3	89	100	0.54	7.4	90	540	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	4.3	85	140	0.72	7.17	68	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	3.8	94	130	0.74	7.68	57	660	< 0.003	0.0067	0.16	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.077	1.29	< 0.0025	< 0.002	
	8/26/2021	1.9	110	150	0.39	7.73	100	710	< 0.003	0.0076	0.1	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.034	1.29	< 0.0025	< 0.002	
	11/23/2021	2.0	130	150	0.48	6.94	94	810	< 0.003	0.0085	0.11	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.025	2.35	< 0.0025	< 0.002	
	12/22/2021 R	NA	NA	150	NA	7.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2/23/2022	1.8	130	150	0.38	6.94	91	760	< 0.003	0.013	0.12	< ^1+ 0.001	< 0.0005	< 0.005	< 0.001	0.0006	0.011	< 0.0002	0.031	1.65	< 0.0025	< 0.002		
MW-12 down-gradient	11/10/2015	2.3	150	160	0.59	7.44	290	1,000	< 0.003	0.0016	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.034	0.8139	< 0.0025	< 0.002	
	2/16/2016	1.8	130	140	0.52	7.38	220	850	< 0.003	0.0013	0.084	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.031	< 0.407	< 0.0025	< 0.002	
	5/25/2016	1.9	130	150	0.54	7.23	250	890	< 0.003	0.0013	0.12	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00063	0.014	< 0.0002	0.03	0.41	< 0.0025	< 0.002	
	8/10/2016	2.4	170	140	0.49	7.20	280	1,000	< 0.003	0.0017	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	0.0006	0.017	< 0.0002	0.04	< 0.426	< 0.0025	< 0.002	
	10/26/2016	2.6	140	120	0.49	7.44	220	980	< 0.003	0.0016	0.11	< 0.001	< 0.0005	0.025	< 0.001	< 0.0005	0.013	< 0.0002	0.036	< 0.664	< 0.0025	< 0.002	
	2/1/2017	2.0	160	120	0.48	7.30	150	900	< 0.003	0.0017	0.11	* < 0.001	< 0.0005	< 0.005	< 0.001	0.00065	0.013	< 0.0002	0.023	0.949	< 0.0025	< 0.002	
	5/10/2017	2.3	200	240	0.30	7.65	260	1,300	< 0.003	0.0013	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.029	< 0.464	< 0.0025	< 0.002	

Table 2. Groundwater Turbidity - Ponds 2S and 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

Well ID	Date	Turbidity (NTU)
MW-05 UG	2/23/2021	0.63
	4/10/2021	1.28
	4/25/2021	2.41
	5/24/2021	3.78
	6/11/2021	2.4
	6/28/2021	2.89
	7/12/2021	3.93
	8/4/2021	1.35
	8/24/2021	3.5
	9/24/2021	3.59
	11/23/2021	4.45
2/24/2022	0.37	
MW-06 UG	2/23/2021	0.31
	4/10/2021	11.17
	4/25/2021	15.04
	5/24/2021	5.18
	6/11/2021	2.96
	6/29/2021	4.06
	7/12/2021	6.43
	8/4/2021	3.5
	8/24/2021	7.0
	9/24/2021	4.2
	11/23/2021	6.38
2/22/2022	0.47	
MW-09 DG	3/1/2021	0.86
	4/10/2021	6.91
	4/25/2021	2.08
	5/25/2021	14.12
	6/11/2021	2.39
	6/29/2021	2.97
	7/12/2021	3.94
	8/4/2021	0.0
	8/25/2021	19.9
	9/24/2021	3.67
	11/23/2021	19.07
2/22/2022	0.59	
MW-10 DG	2/25/2021	172.14
	4/10/2021	29.99
	4/25/2021	34.77
	5/25/2021	44.14
	6/11/2021	92.03
	6/29/2021	29.35
	7/12/2021	23.45
	8/4/2021	47.68
	8/26/2021	27.5
	9/24/2021	542
	11/23/2021	312.05
2/24/2022	72.18	
MW-11 DG	4/10/2021	269.25
	4/25/2021	60.28
	5/25/2021	9.56
	6/11/2021	77.09
	6/29/2021	7.43
	7/12/2021	39.12
	8/4/2021	9.53
	8/26/2021	11.4
	9/24/2021	9.68
	11/23/2021	1.85
	2/23/2022	162.43
MW-12 DG	4/10/2021	31.67
	4/25/2021	15.04
	5/25/2021	28.65
	6/11/2021	6.1
	6/29/2021	13.04
	7/12/2021	12.99
	8/4/2021	11.97
	8/26/2021	10.9
	9/24/2021	11.97
	11/23/2021	3.88
2/24/2022	82.8	

UG - Upgradient Well
 DG - Downgradient Well

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-212711-1
Client Project/Site: Will County CCR

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

Attn: Richard Gnat



Authorized for release by:
3/24/2022 1:13:12 PM

Diana Mockler, Project Manager I
(219)252-7570
Diana.Mockler@Eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

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

Job ID: 500-212711-1

Job ID: 500-212711-1

Laboratory: Eurofins Chicago

Narrative

**Job Narrative
500-212711-1**

Comments

No additional comments.

Receipt

The samples were received on 2/22/2022 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were -0.3° C, 3.1° C, 3.7° C, 4.3° C, 4.7° C and 5.1° C.

Metals

Method 6020A: The initial low level continuing calibration verification (ICVL) associated with batch 500-645249 recovered above the upper control limit for Beryllium. The samples associated with this ICVL were non-detects for the affected analyte; therefore, the data have been reported.

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

General Chemistry

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



Method Summary

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

Job ID: 500-212711-1

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

Protocol References:

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

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

Laboratory References:

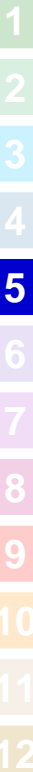
TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

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

Job ID: 500-212711-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-212711-1	MW-01	Water	02/21/22 13:20	02/22/22 13:40
500-212711-2	MW-02	Water	02/21/22 15:05	02/22/22 13:40
500-212711-3	Duplicate-1	Water	02/21/22 00:00	02/22/22 13:40
500-212711-4	MW-06	Water	02/22/22 09:50	02/23/22 14:51
500-212711-5	MW-07	Water	02/22/22 11:25	02/23/22 14:51
500-212711-6	MW-09	Water	02/22/22 12:55	02/23/22 14:51
500-212711-7	MW-15	Water	02/22/22 14:30	02/23/22 14:51
500-212711-8	MW-03	Water	02/24/22 12:25	02/25/22 12:05
500-212711-9	MW-04	Water	02/24/22 11:45	02/25/22 12:05
500-212711-10	MW-05	Water	02/24/22 13:15	02/25/22 12:05
500-212711-11	MW-08	Water	02/24/22 15:20	02/25/22 12:05
500-212711-12	MW-10	Water	02/24/22 09:30	02/25/22 12:05
500-212711-13	MW-11	Water	02/23/22 14:20	02/25/22 12:05
500-212711-14	MW-12	Water	02/24/22 14:15	02/25/22 12:05
500-212711-15	MW-13	Water	02/23/22 11:22	02/25/22 12:05
500-212711-16	MW-14	Water	02/23/22 11:00	02/25/22 12:05
500-212711-17	Duplicate	Water	02/24/22 00:00	02/25/22 12:05



Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-01
Date Collected: 02/21/22 13:20
Date Received: 02/22/22 13:40

Lab Sample ID: 500-212711-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:27	1
Arsenic	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:27	1
Barium	0.086		0.0025		mg/L		02/25/22 08:29	02/28/22 17:27	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:27	1
Boron	2.0		0.050		mg/L		02/25/22 08:29	02/28/22 17:27	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:27	1
Calcium	190		0.20		mg/L		02/25/22 08:29	02/28/22 17:27	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:27	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:27	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:27	1
Lithium	0.032		0.0020		mg/L		02/25/22 08:29	02/28/22 17:27	1
Molybdenum	0.011		0.0050		mg/L		02/25/22 08:29	02/28/22 17:27	1
Selenium	0.0079		0.0025		mg/L		02/25/22 08:29	02/28/22 17:27	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			02/23/22 05:02	1
Chloride	26		2.0		mg/L			03/15/22 14:46	1
Fluoride	0.55		0.10		mg/L			03/03/22 14:31	1
Sulfate	370		50		mg/L			03/15/22 17:01	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-02
Date Collected: 02/21/22 15:05
Date Received: 02/22/22 13:40

Lab Sample ID: 500-212711-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:30	1
Arsenic	0.010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:30	1
Barium	0.060		0.0025		mg/L		02/25/22 08:29	02/28/22 17:30	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:30	1
Boron	4.9		0.050		mg/L		02/25/22 08:29	02/28/22 17:30	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:30	1
Calcium	92		0.20		mg/L		02/25/22 08:29	02/28/22 17:30	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:30	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:30	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:30	1
Lithium	0.044		0.0020		mg/L		02/25/22 08:29	02/28/22 17:30	1
Molybdenum	0.083		0.0050		mg/L		02/25/22 08:29	02/28/22 17:30	1
Selenium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:30	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 09:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10		mg/L			02/23/22 05:04	1
Chloride	32		2.0		mg/L			03/15/22 14:47	1
Fluoride	0.43		0.10		mg/L			03/03/22 14:34	1
Sulfate	550		100		mg/L			03/17/22 14:52	20

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: Duplicate-1

Lab Sample ID: 500-212711-3

Date Collected: 02/21/22 00:00

Matrix: Water

Date Received: 02/22/22 13:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:34	1
Arsenic	0.011		0.0010		mg/L		02/25/22 08:29	02/28/22 17:34	1
Barium	0.060		0.0025		mg/L		02/25/22 08:29	02/28/22 17:34	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:34	1
Boron	4.8		0.050		mg/L		02/25/22 08:29	02/28/22 17:34	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:34	1
Calcium	92		0.20		mg/L		02/25/22 08:29	02/28/22 17:34	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:34	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:34	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:34	1
Lithium	0.043		0.0020		mg/L		02/25/22 08:29	02/28/22 17:34	1
Molybdenum	0.084		0.0050		mg/L		02/25/22 08:29	02/28/22 17:34	1
Selenium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:34	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10		mg/L			02/23/22 05:07	1
Chloride	32		2.0		mg/L			03/15/22 14:47	1
Fluoride	0.43		0.10		mg/L			03/03/22 14:38	1
Sulfate	560		100		mg/L			03/15/22 17:12	20

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-06
Date Collected: 02/22/22 09:50
Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:37	1
Arsenic	0.0019		0.0010		mg/L		02/25/22 08:29	02/28/22 17:37	1
Barium	0.090		0.0025		mg/L		02/25/22 08:29	02/28/22 17:37	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:37	1
Boron	2.8		0.050		mg/L		02/25/22 08:29	02/28/22 17:37	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:37	1
Calcium	130		0.20		mg/L		02/25/22 08:29	02/28/22 17:37	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:37	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:37	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:37	1
Lithium	0.018		0.0020		mg/L		02/25/22 08:29	02/28/22 17:37	1
Molybdenum	0.033		0.0050		mg/L		02/25/22 08:29	02/28/22 17:37	1
Selenium	0.050		0.0025		mg/L		02/25/22 08:29	02/28/22 17:37	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	940		10		mg/L			02/24/22 05:42	1
Chloride	35		2.0		mg/L			03/15/22 14:47	1
Fluoride	0.33		0.10		mg/L			03/03/22 14:41	1
Sulfate	260		50		mg/L			03/15/22 17:02	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-07

Lab Sample ID: 500-212711-5

Date Collected: 02/22/22 11:25

Matrix: Water

Date Received: 02/23/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:41	1
Arsenic	0.0012		0.0010		mg/L		02/25/22 08:29	02/28/22 17:41	1
Barium	0.059		0.0025		mg/L		02/25/22 08:29	02/28/22 17:41	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:41	1
Boron	2.6		0.050		mg/L		02/25/22 08:29	02/28/22 17:41	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:41	1
Calcium	160		0.20		mg/L		02/25/22 08:29	02/28/22 17:41	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:41	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:41	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:41	1
Lithium	0.022		0.0020		mg/L		02/25/22 08:29	02/28/22 17:41	1
Molybdenum	0.016		0.0050		mg/L		02/25/22 08:29	02/28/22 17:41	1
Selenium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:41	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			02/24/22 05:50	1
Chloride	130		10		mg/L			03/15/22 14:48	5
Fluoride	0.42		0.10		mg/L			03/03/22 14:54	1
Sulfate	290		50		mg/L			03/15/22 17:02	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-09

Lab Sample ID: 500-212711-6

Date Collected: 02/22/22 12:55

Matrix: Water

Date Received: 02/23/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:44	1
Arsenic	0.0070		0.0010		mg/L		02/25/22 08:29	02/28/22 17:44	1
Barium	0.037		0.0025		mg/L		02/25/22 08:29	02/28/22 17:44	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:44	1
Boron	1.5		0.050		mg/L		02/25/22 08:29	02/28/22 17:44	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:44	1
Calcium	49		0.20		mg/L		02/25/22 08:29	02/28/22 17:44	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:44	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:44	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:44	1
Lithium	0.0065		0.0020		mg/L		02/25/22 08:29	02/28/22 17:44	1
Molybdenum	0.051		0.0050		mg/L		02/25/22 08:29	02/28/22 17:44	1
Selenium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:44	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	900		10		mg/L			02/24/22 05:55	1
Chloride	250		20		mg/L			03/15/22 14:48	10
Fluoride	0.40		0.10		mg/L			03/03/22 14:58	1
Sulfate	160		25		mg/L			03/17/22 14:52	5

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-15

Lab Sample ID: 500-212711-7

Date Collected: 02/22/22 14:30

Matrix: Water

Date Received: 02/23/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 16:48	1
Arsenic	0.0030		0.0010		mg/L		03/01/22 09:01	03/01/22 16:48	1
Barium	0.12		0.0025		mg/L		03/01/22 09:01	03/01/22 16:48	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 16:48	1
Boron	3.3		0.50		mg/L		03/01/22 09:01	03/02/22 12:37	10
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 16:48	1
Calcium	230		0.20		mg/L		03/01/22 09:01	03/01/22 16:48	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 16:48	1
Cobalt	0.0012		0.0010		mg/L		03/01/22 09:01	03/01/22 16:48	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 16:48	1
Lithium	0.021		0.0020		mg/L		03/01/22 09:01	03/01/22 16:48	1
Molybdenum	0.020		0.0050		mg/L		03/01/22 09:01	03/01/22 16:48	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 16:48	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 16:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1600		10		mg/L			02/24/22 05:57	1
Chloride	100		10		mg/L			03/15/22 14:49	5
Fluoride	0.38		0.10		mg/L			03/03/22 15:01	1
Sulfate	620		100		mg/L			03/17/22 14:53	20

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-03

Lab Sample ID: 500-212711-8

Date Collected: 02/24/22 12:25

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:06	1
Arsenic	0.0015		0.0010		mg/L		03/01/22 09:01	03/01/22 17:06	1
Barium	0.12		0.0025		mg/L		03/01/22 09:01	03/01/22 17:06	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:06	1
Boron	2.6		0.50		mg/L		03/01/22 09:01	03/02/22 13:02	10
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:06	1
Calcium	220		0.20		mg/L		03/01/22 09:01	03/01/22 17:06	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:06	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:06	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:06	1
Lithium	0.032		0.0020		mg/L		03/01/22 09:01	03/01/22 17:06	1
Molybdenum	0.014		0.0050		mg/L		03/01/22 09:01	03/01/22 17:06	1
Selenium	0.046		0.0025		mg/L		03/01/22 09:01	03/01/22 17:06	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			02/27/22 19:59	1
Chloride	18		2.0		mg/L			03/15/22 14:49	1
Fluoride	0.30		0.10		mg/L			03/03/22 15:06	1
Sulfate	360		50		mg/L			03/17/22 14:53	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-04
Date Collected: 02/24/22 11:45
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:09	1
Arsenic	0.020		0.0010		mg/L		03/01/22 09:01	03/01/22 17:09	1
Barium	0.039		0.0025		mg/L		03/01/22 09:01	03/01/22 17:09	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:09	1
Boron	4.7		1.0		mg/L		03/01/22 09:01	03/02/22 13:05	20
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:09	1
Calcium	350		4.0		mg/L		03/01/22 09:01	03/02/22 13:05	20
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:09	1
Cobalt	0.0017		0.0010		mg/L		03/01/22 09:01	03/01/22 17:09	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:09	1
Lithium	0.020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:09	1
Molybdenum	0.028		0.0050		mg/L		03/01/22 09:01	03/01/22 17:09	1
Selenium	0.090		0.0025		mg/L		03/01/22 09:01	03/01/22 17:09	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2100		10		mg/L			02/27/22 20:02	1
Chloride	16		2.0		mg/L			03/15/22 14:49	1
Fluoride	0.37		0.10		mg/L			03/03/22 15:09	1
Sulfate	950		100		mg/L			03/17/22 14:53	20

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-05
Date Collected: 02/24/22 13:15
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:13	1
Arsenic	0.0092		0.0010		mg/L		03/01/22 09:01	03/01/22 17:13	1
Barium	0.077		0.0025		mg/L		03/01/22 09:01	03/01/22 17:13	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:13	1
Boron	4.9		1.0		mg/L		03/01/22 09:01	03/02/22 13:09	20
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:13	1
Calcium	210		0.20		mg/L		03/01/22 09:01	03/01/22 17:13	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:13	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:13	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:13	1
Lithium	0.014		0.0020		mg/L		03/01/22 09:01	03/01/22 17:13	1
Molybdenum	0.059		0.0050		mg/L		03/01/22 09:01	03/01/22 17:13	1
Selenium	0.048		0.0025		mg/L		03/01/22 09:01	03/01/22 17:13	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1400		10		mg/L			02/27/22 20:04	1
Chloride	25		2.0		mg/L			03/15/22 14:49	1
Fluoride	0.39		0.10		mg/L			03/03/22 15:12	1
Sulfate	660		100		mg/L			03/15/22 17:03	20

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-08

Lab Sample ID: 500-212711-11

Date Collected: 02/24/22 15:20

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:23	1
Arsenic	0.0060		0.0010		mg/L		03/01/22 09:01	03/01/22 17:23	1
Barium	0.061		0.0025		mg/L		03/01/22 09:01	03/01/22 17:23	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:23	1
Boron	1.6		0.25		mg/L		03/01/22 09:01	03/02/22 13:12	5
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:23	1
Calcium	170		0.20		mg/L		03/01/22 09:01	03/01/22 17:23	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:23	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:23	1
Lead	0.00068		0.00050		mg/L		03/01/22 09:01	03/01/22 17:23	1
Lithium	0.0088		0.0020		mg/L		03/01/22 09:01	03/01/22 17:23	1
Molybdenum	0.026		0.0050		mg/L		03/01/22 09:01	03/01/22 17:23	1
Selenium	0.048		0.0025		mg/L		03/01/22 09:01	03/01/22 17:23	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			02/27/22 20:07	1
Chloride	210		20		mg/L			03/15/22 14:49	10
Fluoride	0.52		0.10		mg/L			03/03/22 15:16	1
Sulfate	270		50		mg/L			03/17/22 14:53	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-10

Lab Sample ID: 500-212711-12

Date Collected: 02/24/22 09:30

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:27	1
Arsenic	0.0072		0.0010		mg/L		03/01/22 09:01	03/01/22 17:27	1
Barium	0.10		0.0025		mg/L		03/01/22 09:01	03/01/22 17:27	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:27	1
Boron	2.6		0.50		mg/L		03/01/22 09:01	03/02/22 13:16	10
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:27	1
Calcium	130		0.20		mg/L		03/01/22 09:01	03/01/22 17:27	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:27	1
Cobalt	0.0012		0.0010		mg/L		03/01/22 09:01	03/01/22 17:27	1
Lead	0.0010		0.00050		mg/L		03/01/22 09:01	03/01/22 17:27	1
Lithium	0.014		0.0020		mg/L		03/01/22 09:01	03/01/22 17:27	1
Molybdenum	0.043		0.0050		mg/L		03/01/22 09:01	03/01/22 17:27	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 17:27	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	840		10		mg/L			02/27/22 20:10	1
Chloride	120		10		mg/L			03/15/22 14:50	5
Fluoride	0.53		0.10		mg/L			03/03/22 15:20	1
Sulfate	170		25		mg/L			03/17/22 14:54	5

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-11

Lab Sample ID: 500-212711-13

Date Collected: 02/23/22 14:20

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:30	1
Arsenic	0.013		0.0010		mg/L		03/01/22 09:01	03/01/22 17:30	1
Barium	0.12		0.0025		mg/L		03/01/22 09:01	03/01/22 17:30	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:30	1
Boron	1.8		0.25		mg/L		03/01/22 09:01	03/02/22 13:19	5
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:30	1
Calcium	130		0.20		mg/L		03/01/22 09:01	03/01/22 17:30	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:30	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:30	1
Lead	0.00060		0.00050		mg/L		03/01/22 09:01	03/01/22 17:30	1
Lithium	0.011		0.0020		mg/L		03/01/22 09:01	03/01/22 17:30	1
Molybdenum	0.031		0.0050		mg/L		03/01/22 09:01	03/01/22 17:30	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 17:30	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	760		10		mg/L			02/27/22 20:12	1
Chloride	150		10		mg/L			03/15/22 14:50	5
Fluoride	0.38		0.10		mg/L			03/03/22 15:23	1
Sulfate	91		10		mg/L			03/17/22 14:54	2

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-12

Lab Sample ID: 500-212711-14

Date Collected: 02/24/22 14:15

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:34	1
Arsenic	0.0025		0.0010		mg/L		03/01/22 09:01	03/01/22 17:34	1
Barium	0.27		0.0025		mg/L		03/01/22 09:01	03/01/22 17:34	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:34	1
Boron	1.7		0.25		mg/L		03/01/22 09:01	03/02/22 13:23	5
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:34	1
Calcium	150		0.20		mg/L		03/01/22 09:01	03/01/22 17:34	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:34	1
Cobalt	0.0011		0.0010		mg/L		03/01/22 09:01	03/01/22 17:34	1
Lead	0.0016		0.00050		mg/L		03/01/22 09:01	03/01/22 17:34	1
Lithium	0.018		0.0020		mg/L		03/01/22 09:01	03/01/22 17:34	1
Molybdenum	0.024		0.0050		mg/L		03/01/22 09:01	03/01/22 17:34	1
Selenium	0.0061		0.0025		mg/L		03/01/22 09:01	03/01/22 17:34	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		10		mg/L			02/27/22 20:15	1
Chloride	150		10		mg/L			03/15/22 14:50	5
Fluoride	0.40		0.10		mg/L			03/03/22 15:26	1
Sulfate	150		25		mg/L			03/17/22 14:55	5

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-13
Date Collected: 02/23/22 11:22
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:37	1
Arsenic	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:37	1
Barium	0.054		0.0025		mg/L		03/01/22 09:01	03/01/22 17:37	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:37	1
Boron	0.31		0.050		mg/L		03/01/22 09:01	03/02/22 13:26	1
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:37	1
Calcium	75		0.20		mg/L		03/01/22 09:01	03/01/22 17:37	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:37	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:37	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:37	1
Lithium	0.0066		0.0020		mg/L		03/01/22 09:01	03/01/22 17:37	1
Molybdenum	0.0089		0.0050		mg/L		03/01/22 09:01	03/01/22 17:37	1
Selenium	0.0054		0.0025		mg/L		03/01/22 09:01	03/01/22 17:37	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	590		10		mg/L			02/27/22 20:17	1
Chloride	95		10		mg/L			03/15/22 14:51	5
Fluoride	0.34		0.10		mg/L			03/03/22 15:40	1
Sulfate	66		10		mg/L			03/17/22 14:56	2

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: MW-14

Lab Sample ID: 500-212711-16

Date Collected: 02/23/22 11:00

Matrix: Water

Date Received: 02/25/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:41	1
Arsenic	0.0028		0.0010		mg/L		03/01/22 09:01	03/01/22 17:41	1
Barium	0.12		0.0025		mg/L		03/01/22 09:01	03/01/22 17:41	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:41	1
Boron	3.8		0.50		mg/L		03/01/22 09:01	03/02/22 13:30	10
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:41	1
Calcium	110		0.20		mg/L		03/01/22 09:01	03/01/22 17:41	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:41	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 17:41	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:41	1
Lithium	0.024		0.0020		mg/L		03/01/22 09:01	03/01/22 17:41	1
Molybdenum	0.059		0.0050		mg/L		03/01/22 09:01	03/01/22 17:41	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 17:41	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10		mg/L			02/27/22 20:20	1
Chloride	110		10		mg/L			03/15/22 14:52	5
Fluoride	0.58		0.10		mg/L			03/03/22 15:43	1
Sulfate	440		50		mg/L			03/17/22 14:56	10

Client Sample Results

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

Job ID: 500-212711-1

Client Sample ID: Duplicate
Date Collected: 02/24/22 00:00
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 17:44	1
Arsenic	0.0071		0.0010		mg/L		03/01/22 09:01	03/01/22 17:44	1
Barium	0.10		0.0025		mg/L		03/01/22 09:01	03/01/22 17:44	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 17:44	1
Boron	2.7		0.50		mg/L		03/01/22 09:01	03/02/22 13:33	10
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 17:44	1
Calcium	130		0.20		mg/L		03/01/22 09:01	03/01/22 17:44	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 17:44	1
Cobalt	0.0012		0.0010		mg/L		03/01/22 09:01	03/01/22 17:44	1
Lead	0.00085		0.00050		mg/L		03/01/22 09:01	03/01/22 17:44	1
Lithium	0.013		0.0020		mg/L		03/01/22 09:01	03/01/22 17:44	1
Molybdenum	0.042		0.0050		mg/L		03/01/22 09:01	03/01/22 17:44	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 17:44	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 17:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	800		10		mg/L			02/27/22 21:19	1
Chloride	120		10		mg/L			03/15/22 14:52	5
Fluoride	0.54		0.10		mg/L			03/03/22 15:46	1
Sulfate	170		25		mg/L			03/17/22 14:56	5

Definitions/Glossary

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

Job ID: 500-212711-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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: Will County CCR

Job ID: 500-212711-1

Metals

Prep Batch: 644498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total Recoverable	Water	3005A	
500-212711-2	MW-02	Total Recoverable	Water	3005A	
500-212711-3	Duplicate-1	Total Recoverable	Water	3005A	
500-212711-4	MW-06	Total Recoverable	Water	3005A	
500-212711-5	MW-07	Total Recoverable	Water	3005A	
500-212711-6	MW-09	Total Recoverable	Water	3005A	
MB 500-644498/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-644498/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 645026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-7	MW-15	Total Recoverable	Water	3005A	
500-212711-8	MW-03	Total Recoverable	Water	3005A	
500-212711-9	MW-04	Total Recoverable	Water	3005A	
500-212711-10	MW-05	Total Recoverable	Water	3005A	
500-212711-11	MW-08	Total Recoverable	Water	3005A	
500-212711-12	MW-10	Total Recoverable	Water	3005A	
500-212711-13	MW-11	Total Recoverable	Water	3005A	
500-212711-14	MW-12	Total Recoverable	Water	3005A	
500-212711-15	MW-13	Total Recoverable	Water	3005A	
500-212711-16	MW-14	Total Recoverable	Water	3005A	
500-212711-17	Duplicate	Total Recoverable	Water	3005A	
MB 500-645026/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-645026/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-212711-7 MS	MW-15	Total Recoverable	Water	3005A	
500-212711-7 MSD	MW-15	Total Recoverable	Water	3005A	
500-212711-7 DU	MW-15	Total Recoverable	Water	3005A	

Analysis Batch: 645038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total Recoverable	Water	6020A	644498
500-212711-2	MW-02	Total Recoverable	Water	6020A	644498
500-212711-3	Duplicate-1	Total Recoverable	Water	6020A	644498
500-212711-4	MW-06	Total Recoverable	Water	6020A	644498
500-212711-5	MW-07	Total Recoverable	Water	6020A	644498
500-212711-6	MW-09	Total Recoverable	Water	6020A	644498
MB 500-644498/1-A	Method Blank	Total Recoverable	Water	6020A	644498
LCS 500-644498/2-A	Lab Control Sample	Total Recoverable	Water	6020A	644498

Analysis Batch: 645249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-7	MW-15	Total Recoverable	Water	6020A	645026
500-212711-8	MW-03	Total Recoverable	Water	6020A	645026
500-212711-9	MW-04	Total Recoverable	Water	6020A	645026
500-212711-10	MW-05	Total Recoverable	Water	6020A	645026
500-212711-11	MW-08	Total Recoverable	Water	6020A	645026
500-212711-12	MW-10	Total Recoverable	Water	6020A	645026
500-212711-13	MW-11	Total Recoverable	Water	6020A	645026
500-212711-14	MW-12	Total Recoverable	Water	6020A	645026
500-212711-15	MW-13	Total Recoverable	Water	6020A	645026
500-212711-16	MW-14	Total Recoverable	Water	6020A	645026

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QC Association Summary

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

Job ID: 500-212711-1

Metals (Continued)

Analysis Batch: 645249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-17	Duplicate	Total Recoverable	Water	6020A	645026
MB 500-645026/1-A	Method Blank	Total Recoverable	Water	6020A	645026
LCS 500-645026/2-A	Lab Control Sample	Total Recoverable	Water	6020A	645026
500-212711-7 MS	MW-15	Total Recoverable	Water	6020A	645026
500-212711-7 MSD	MW-15	Total Recoverable	Water	6020A	645026
500-212711-7 DU	MW-15	Total Recoverable	Water	6020A	645026

Analysis Batch: 645443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-7	MW-15	Total Recoverable	Water	6020A	645026
500-212711-8	MW-03	Total Recoverable	Water	6020A	645026
500-212711-9	MW-04	Total Recoverable	Water	6020A	645026
500-212711-10	MW-05	Total Recoverable	Water	6020A	645026
500-212711-11	MW-08	Total Recoverable	Water	6020A	645026
500-212711-12	MW-10	Total Recoverable	Water	6020A	645026
500-212711-13	MW-11	Total Recoverable	Water	6020A	645026
500-212711-14	MW-12	Total Recoverable	Water	6020A	645026
500-212711-15	MW-13	Total Recoverable	Water	6020A	645026
500-212711-16	MW-14	Total Recoverable	Water	6020A	645026
500-212711-17	Duplicate	Total Recoverable	Water	6020A	645026
MB 500-645026/1-A	Method Blank	Total Recoverable	Water	6020A	645026
LCS 500-645026/2-A	Lab Control Sample	Total Recoverable	Water	6020A	645026
500-212711-7 MS	MW-15	Total Recoverable	Water	6020A	645026
500-212711-7 MSD	MW-15	Total Recoverable	Water	6020A	645026
500-212711-7 DU	MW-15	Total Recoverable	Water	6020A	645026

Prep Batch: 645524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	7470A	
500-212711-2	MW-02	Total/NA	Water	7470A	
500-212711-3	Duplicate-1	Total/NA	Water	7470A	
500-212711-4	MW-06	Total/NA	Water	7470A	
500-212711-5	MW-07	Total/NA	Water	7470A	
500-212711-6	MW-09	Total/NA	Water	7470A	
500-212711-7	MW-15	Total/NA	Water	7470A	
500-212711-8	MW-03	Total/NA	Water	7470A	
500-212711-9	MW-04	Total/NA	Water	7470A	
500-212711-10	MW-05	Total/NA	Water	7470A	
500-212711-11	MW-08	Total/NA	Water	7470A	
500-212711-12	MW-10	Total/NA	Water	7470A	
500-212711-13	MW-11	Total/NA	Water	7470A	
500-212711-14	MW-12	Total/NA	Water	7470A	
500-212711-15	MW-13	Total/NA	Water	7470A	
500-212711-16	MW-14	Total/NA	Water	7470A	
500-212711-17	Duplicate	Total/NA	Water	7470A	
MB 500-645524/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-645524/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-212711-11 MS	MW-08	Total/NA	Water	7470A	
500-212711-11 MSD	MW-08	Total/NA	Water	7470A	
500-212711-11 DU	MW-08	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 500-212711-1

Metals

Analysis Batch: 645683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	7470A	645524
500-212711-2	MW-02	Total/NA	Water	7470A	645524
500-212711-3	Duplicate-1	Total/NA	Water	7470A	645524
500-212711-4	MW-06	Total/NA	Water	7470A	645524
500-212711-5	MW-07	Total/NA	Water	7470A	645524
500-212711-6	MW-09	Total/NA	Water	7470A	645524
500-212711-7	MW-15	Total/NA	Water	7470A	645524
500-212711-8	MW-03	Total/NA	Water	7470A	645524
500-212711-9	MW-04	Total/NA	Water	7470A	645524
500-212711-10	MW-05	Total/NA	Water	7470A	645524
500-212711-11	MW-08	Total/NA	Water	7470A	645524
500-212711-12	MW-10	Total/NA	Water	7470A	645524
500-212711-13	MW-11	Total/NA	Water	7470A	645524
500-212711-14	MW-12	Total/NA	Water	7470A	645524
500-212711-15	MW-13	Total/NA	Water	7470A	645524
500-212711-16	MW-14	Total/NA	Water	7470A	645524
500-212711-17	Duplicate	Total/NA	Water	7470A	645524
MB 500-645524/12-A	Method Blank	Total/NA	Water	7470A	645524
LCS 500-645524/13-A	Lab Control Sample	Total/NA	Water	7470A	645524
500-212711-11 MS	MW-08	Total/NA	Water	7470A	645524
500-212711-11 MSD	MW-08	Total/NA	Water	7470A	645524
500-212711-11 DU	MW-08	Total/NA	Water	7470A	645524

General Chemistry

Analysis Batch: 643902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	SM 2540C	
500-212711-2	MW-02	Total/NA	Water	SM 2540C	
500-212711-3	Duplicate-1	Total/NA	Water	SM 2540C	
MB 500-643902/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-643902/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 644165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-4	MW-06	Total/NA	Water	SM 2540C	
500-212711-5	MW-07	Total/NA	Water	SM 2540C	
500-212711-6	MW-09	Total/NA	Water	SM 2540C	
500-212711-7	MW-15	Total/NA	Water	SM 2540C	
MB 500-644165/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-644165/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-212711-4 MS	MW-06	Total/NA	Water	SM 2540C	
500-212711-4 DU	MW-06	Total/NA	Water	SM 2540C	
500-212711-5 DU	MW-07	Total/NA	Water	SM 2540C	

Analysis Batch: 644711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-8	MW-03	Total/NA	Water	SM 2540C	
500-212711-9	MW-04	Total/NA	Water	SM 2540C	
500-212711-10	MW-05	Total/NA	Water	SM 2540C	
500-212711-11	MW-08	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-212711-1

General Chemistry (Continued)

Analysis Batch: 644711 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-12	MW-10	Total/NA	Water	SM 2540C	
500-212711-13	MW-11	Total/NA	Water	SM 2540C	
500-212711-14	MW-12	Total/NA	Water	SM 2540C	
500-212711-15	MW-13	Total/NA	Water	SM 2540C	
500-212711-16	MW-14	Total/NA	Water	SM 2540C	
MB 500-644711/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-644711/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 644712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-17	Duplicate	Total/NA	Water	SM 2540C	
MB 500-644712/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-644712/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-212711-17 MS	Duplicate	Total/NA	Water	SM 2540C	
500-212711-17 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 645550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	SM 4500 F C	
500-212711-2	MW-02	Total/NA	Water	SM 4500 F C	
500-212711-3	Duplicate-1	Total/NA	Water	SM 4500 F C	
500-212711-4	MW-06	Total/NA	Water	SM 4500 F C	
500-212711-5	MW-07	Total/NA	Water	SM 4500 F C	
500-212711-6	MW-09	Total/NA	Water	SM 4500 F C	
500-212711-7	MW-15	Total/NA	Water	SM 4500 F C	
500-212711-8	MW-03	Total/NA	Water	SM 4500 F C	
500-212711-9	MW-04	Total/NA	Water	SM 4500 F C	
500-212711-10	MW-05	Total/NA	Water	SM 4500 F C	
500-212711-11	MW-08	Total/NA	Water	SM 4500 F C	
500-212711-12	MW-10	Total/NA	Water	SM 4500 F C	
500-212711-13	MW-11	Total/NA	Water	SM 4500 F C	
500-212711-14	MW-12	Total/NA	Water	SM 4500 F C	
500-212711-15	MW-13	Total/NA	Water	SM 4500 F C	
500-212711-16	MW-14	Total/NA	Water	SM 4500 F C	
500-212711-17	Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-645550/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-645550/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 647120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-212711-2	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-212711-3	Duplicate-1	Total/NA	Water	SM 4500 Cl- E	
500-212711-4	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-212711-5	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-212711-6	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-212711-7	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-212711-8	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-212711-9	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-212711-10	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-212711-11	MW-08	Total/NA	Water	SM 4500 Cl- E	

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QC Association Summary

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

Job ID: 500-212711-1

General Chemistry (Continued)

Analysis Batch: 647120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-12	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-212711-13	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-212711-14	MW-12	Total/NA	Water	SM 4500 Cl- E	
500-212711-15	MW-13	Total/NA	Water	SM 4500 Cl- E	
500-212711-16	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-212711-17	Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 500-647120/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-647120/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-212711-1 MS	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-212711-1 MSD	MW-01	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 647243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-212711-3	Duplicate-1	Total/NA	Water	SM 4500 SO4 E	
500-212711-4	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-212711-5	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-212711-10	MW-05	Total/NA	Water	SM 4500 SO4 E	
MB 500-647243/15	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-647243/16	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-212711-1 MS	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-212711-1 MSD	MW-01	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 647597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-2	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-212711-6	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-212711-7	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-212711-8	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-212711-9	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-212711-11	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-212711-12	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-212711-13	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-212711-14	MW-12	Total/NA	Water	SM 4500 SO4 E	
500-212711-15	MW-13	Total/NA	Water	SM 4500 SO4 E	
500-212711-16	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-212711-17	Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-647597/126	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-647597/127	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-212711-15 MS	MW-13	Total/NA	Water	SM 4500 SO4 E	
500-212711-15 MSD	MW-13	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

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

Job ID: 500-212711-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-644498/1-A
Matrix: Water
Analysis Batch: 645038

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 644498

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/22 08:29	02/28/22 17:20	1
Arsenic	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:20	1
Barium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:20	1
Beryllium	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:20	1
Boron	<0.050		0.050		mg/L		02/25/22 08:29	02/28/22 17:20	1
Cadmium	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:20	1
Calcium	<0.20		0.20		mg/L		02/25/22 08:29	02/28/22 17:20	1
Chromium	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:20	1
Cobalt	<0.0010		0.0010		mg/L		02/25/22 08:29	02/28/22 17:20	1
Lead	<0.00050		0.00050		mg/L		02/25/22 08:29	02/28/22 17:20	1
Lithium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:20	1
Molybdenum	<0.0050		0.0050		mg/L		02/25/22 08:29	02/28/22 17:20	1
Selenium	<0.0025		0.0025		mg/L		02/25/22 08:29	02/28/22 17:20	1
Thallium	<0.0020		0.0020		mg/L		02/25/22 08:29	02/28/22 17:20	1

Lab Sample ID: LCS 500-644498/2-A
Matrix: Water
Analysis Batch: 645038

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 644498

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.496		mg/L		99	80 - 120
Arsenic	0.100	0.0925		mg/L		92	80 - 120
Barium	2.00	1.97		mg/L		98	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Boron	1.00	0.933		mg/L		93	80 - 120
Cadmium	0.0500	0.0503		mg/L		101	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120
Chromium	0.200	0.205		mg/L		103	80 - 120
Cobalt	0.500	0.517		mg/L		103	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Lithium	0.500	0.512		mg/L		102	80 - 120
Molybdenum	1.00	0.969		mg/L		97	80 - 120
Selenium	0.100	0.0974		mg/L		97	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: MB 500-645026/1-A
Matrix: Water
Analysis Batch: 645249

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/01/22 09:01	03/01/22 16:41	1
Arsenic	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 16:41	1
Barium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 16:41	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/01/22 09:01	03/01/22 16:41	1
Cadmium	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 16:41	1
Calcium	<0.20		0.20		mg/L		03/01/22 09:01	03/01/22 16:41	1
Chromium	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 16:41	1
Cobalt	<0.0010		0.0010		mg/L		03/01/22 09:01	03/01/22 16:41	1
Lead	<0.00050		0.00050		mg/L		03/01/22 09:01	03/01/22 16:41	1

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QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: MB 500-645026/1-A
Matrix: Water
Analysis Batch: 645249

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 16:41	1
Molybdenum	<0.0050		0.0050		mg/L		03/01/22 09:01	03/01/22 16:41	1
Selenium	<0.0025		0.0025		mg/L		03/01/22 09:01	03/01/22 16:41	1
Thallium	<0.0020		0.0020		mg/L		03/01/22 09:01	03/01/22 16:41	1

Lab Sample ID: MB 500-645026/1-A
Matrix: Water
Analysis Batch: 645443

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		03/01/22 09:01	03/02/22 12:31	1

Lab Sample ID: LCS 500-645026/2-A
Matrix: Water
Analysis Batch: 645249

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	0.500	0.487		mg/L		97	80 - 120	
Arsenic	0.100	0.0921		mg/L		92	80 - 120	
Barium	2.00	1.96		mg/L		98	80 - 120	
Beryllium	0.0500	0.0516	^1+	mg/L		103	80 - 120	
Cadmium	0.0500	0.0496		mg/L		99	80 - 120	
Calcium	10.0	10.2		mg/L		102	80 - 120	
Chromium	0.200	0.206		mg/L		103	80 - 120	
Cobalt	0.500	0.521		mg/L		104	80 - 120	
Lead	0.100	0.104		mg/L		104	80 - 120	
Lithium	0.500	0.504		mg/L		101	80 - 120	
Molybdenum	1.00	0.952		mg/L		95	80 - 120	
Selenium	0.100	0.0972		mg/L		97	80 - 120	
Thallium	0.100	0.103		mg/L		103	80 - 120	

Lab Sample ID: LCS 500-645026/2-A
Matrix: Water
Analysis Batch: 645443

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Boron	1.00	0.975		mg/L		97	80 - 120	

Lab Sample ID: 500-212711-7 MS
Matrix: Water
Analysis Batch: 645249

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	<0.0030		0.500	0.519		mg/L		104	75 - 125	
Arsenic	0.0030		0.100	0.102		mg/L		99	75 - 125	
Barium	0.12		2.00	2.09		mg/L		98	75 - 125	
Beryllium	<0.0010	^1+	0.0500	0.0488	^1+	mg/L		98	75 - 125	
Cadmium	<0.00050		0.0500	0.0503		mg/L		101	75 - 125	
Calcium	230		10.0	243	4	mg/L		133	75 - 125	
Chromium	<0.0050		0.200	0.201		mg/L		100	75 - 125	

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QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: 500-212711-7 MS
Matrix: Water
Analysis Batch: 645249

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.0012		0.500	0.496		mg/L		99	75 - 125
Lead	<0.00050		0.100	0.102		mg/L		102	75 - 125
Lithium	0.021		0.500	0.503		mg/L		96	75 - 125
Molybdenum	0.020		1.00	1.03		mg/L		101	75 - 125
Selenium	<0.0025		0.100	0.106		mg/L		106	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-212711-7 MS
Matrix: Water
Analysis Batch: 645443

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	3.3		1.00	4.49		mg/L		117	75 - 125

Lab Sample ID: 500-212711-7 MSD
Matrix: Water
Analysis Batch: 645249

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.0030		0.500	0.509		mg/L		102	75 - 125	2	20
Arsenic	0.0030		0.100	0.100		mg/L		97	75 - 125	2	20
Barium	0.12		2.00	2.10		mg/L		99	75 - 125	1	20
Beryllium	<0.0010	^1+	0.0500	0.0479	^1+	mg/L		96	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0491		mg/L		98	75 - 125	3	20
Calcium	230		10.0	238	4	mg/L		82	75 - 125	2	20
Chromium	<0.0050		0.200	0.200		mg/L		100	75 - 125	0	20
Cobalt	0.0012		0.500	0.495		mg/L		99	75 - 125	0	20
Lead	<0.00050		0.100	0.104		mg/L		104	75 - 125	2	20
Lithium	0.021		0.500	0.511		mg/L		98	75 - 125	2	20
Molybdenum	0.020		1.00	1.02		mg/L		100	75 - 125	1	20
Selenium	<0.0025		0.100	0.104		mg/L		104	75 - 125	2	20
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125	2	20

Lab Sample ID: 500-212711-7 MSD
Matrix: Water
Analysis Batch: 645443

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Boron	3.3		1.00	4.45		mg/L		113	75 - 125	1	20

Lab Sample ID: 500-212711-7 DU
Matrix: Water
Analysis Batch: 645249

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0030		0.00329		mg/L		8	20
Barium	0.12		0.128		mg/L		3	20
Beryllium	<0.0010	^1+	<0.0010	^1+	mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20

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QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: 500-212711-7 DU
Matrix: Water
Analysis Batch: 645249

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	230		234		mg/L		2	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0012		0.00116		mg/L		2	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	0.021		0.0239		mg/L		12	20
Molybdenum	0.020		0.0210		mg/L		3	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-212711-7 DU
Matrix: Water
Analysis Batch: 645443

Client Sample ID: MW-15
Prep Type: Total Recoverable
Prep Batch: 645026

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	3.3		3.89		mg/L		16	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-645524/12-A
Matrix: Water
Analysis Batch: 645683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 645524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/03/22 13:40	03/04/22 09:49	1

Lab Sample ID: LCS 500-645524/13-A
Matrix: Water
Analysis Batch: 645683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 645524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00209		mg/L		105	80 - 120

Lab Sample ID: 500-212711-11 MS
Matrix: Water
Analysis Batch: 645683

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 645524

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00020		0.00100	0.000991		mg/L		99	75 - 125

Lab Sample ID: 500-212711-11 MSD
Matrix: Water
Analysis Batch: 645683

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 645524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Mercury	<0.00020		0.00100	0.000956		mg/L		96	75 - 125	4	20

QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: 500-212711-11 DU
Matrix: Water
Analysis Batch: 645683

Client Sample ID: MW-08
Prep Type: Total/NA
Prep Batch: 645524

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

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

Lab Sample ID: MB 500-643902/1
Matrix: Water
Analysis Batch: 643902

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			02/23/22 04:26	1

Lab Sample ID: LCS 500-643902/2
Matrix: Water
Analysis Batch: 643902

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	274		mg/L		110	80 - 120

Lab Sample ID: MB 500-644165/1
Matrix: Water
Analysis Batch: 644165

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			02/24/22 05:32	1

Lab Sample ID: LCS 500-644165/2
Matrix: Water
Analysis Batch: 644165

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	270		mg/L		108	80 - 120

Lab Sample ID: 500-212711-4 MS
Matrix: Water
Analysis Batch: 644165

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
Total Dissolved Solids	940		250	1220		mg/L		111	75 - 125

Lab Sample ID: 500-212711-4 DU
Matrix: Water
Analysis Batch: 644165

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	940		936		mg/L		0.6	5

QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: 500-212711-5 DU
Matrix: Water
Analysis Batch: 644165

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1200		1220		mg/L		0.3	5

Lab Sample ID: MB 500-644711/1
Matrix: Water
Analysis Batch: 644711

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			02/27/22 19:21	1

Lab Sample ID: LCS 500-644711/2
Matrix: Water
Analysis Batch: 644711

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	272		mg/L		109	80 - 120

Lab Sample ID: MB 500-644712/1
Matrix: Water
Analysis Batch: 644712

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			02/27/22 21:14	1

Lab Sample ID: LCS 500-644712/2
Matrix: Water
Analysis Batch: 644712

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	278		mg/L		111	80 - 120

Lab Sample ID: 500-212711-17 MS
Matrix: Water
Analysis Batch: 644712

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	800		250	1100		mg/L		119	75 - 125

Lab Sample ID: 500-212711-17 DU
Matrix: Water
Analysis Batch: 644712

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	800		804		mg/L		0	5

QC Sample Results

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

Job ID: 500-212711-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-647120/16
Matrix: Water
Analysis Batch: 647120

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			03/15/22 14:46	1

Lab Sample ID: LCS 500-647120/17
Matrix: Water
Analysis Batch: 647120

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.3		mg/L		101	85 - 115

Lab Sample ID: 500-212711-1 MS
Matrix: Water
Analysis Batch: 647120

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	26		20.0	46.2		mg/L		100	75 - 125

Lab Sample ID: 500-212711-1 MSD
Matrix: Water
Analysis Batch: 647120

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	26		20.0	46.0		mg/L		99	75 - 125	1	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-645550/3
Matrix: Water
Analysis Batch: 645550

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/03/22 14:09	1

Lab Sample ID: LCS 500-645550/4
Matrix: Water
Analysis Batch: 645550

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	10.0	10.2		mg/L		102	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-647243/15
Matrix: Water
Analysis Batch: 647243

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			03/15/22 16:07	1

QC Sample Results

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

Job ID: 500-212711-1

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

Lab Sample ID: LCS 500-647243/16
Matrix: Water
Analysis Batch: 647243

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	21.0		mg/L		105	88 - 123

Lab Sample ID: 500-212711-1 MS
Matrix: Water
Analysis Batch: 647243

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	370		20.0	383	4	mg/L		49	75 - 125

Lab Sample ID: 500-212711-1 MSD
Matrix: Water
Analysis Batch: 647243

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	370		20.0	385	4	mg/L		59	75 - 125	1	20

Lab Sample ID: MB 500-647597/126
Matrix: Water
Analysis Batch: 647597

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			03/17/22 14:51	1

Lab Sample ID: LCS 500-647597/127
Matrix: Water
Analysis Batch: 647597

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	22.3		mg/L		111	88 - 123

Lab Sample ID: 500-212711-15 MS
Matrix: Water
Analysis Batch: 647597


Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	66		20.0	84.5		mg/L		91	75 - 125

Lab Sample ID: 500-212711-15 MSD
Matrix: Water
Analysis Batch: 647597

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	66		20.0	83.2		mg/L		85	75 - 125	2	20

Client Information		Sampler CORY HIGGINS		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No. 500-98809-43323 1		
Client Contact Mitchel Dolan		Phone 630 277 6038		E-Mail Diana.Mockler@Eurofinset.com		State of Origin		Page Page 1 of 2		
Company KPRG and Associates Inc		PWSID		Analysis Requested				Job # 500-212711		
Address 414 Plaza Drive Suite 106		Due Date Requested								
City Westmont		TAT Requested (days)		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 8010C, 6020A, 7470A 2540C 4500_F_C, SM4500_CL, SM4500_SO4_E		500-212711 COC		 Preservation Codes A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water v MCAA K EDTA W pH 4-5 L EDA Z other (specify)		
State Zip IL 60559		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No								
Phone 779-279-2321(Tel)		PO # 4502081393		Total Number of Containers		Other		Special Instructions/Note		
Email mitcheld@kprginc.com		WO #								
Project Name Will County CCR Event Desc. Quarterly GW Monitoring		Project # 50011609		Sample Identification		Sample Date		Sample Time		
Site Illinois		SSOW#								
				Sample Type (C=Comp G=grab)		Matrix (W=water S=solid O=waste/oil BT=Tissue, A=Air)		Preservation Code:		
1 MW-01		2/21/22		13:20		G		Water		
2 MW-02		2/21/22		15:05		G		Water		
MW-03								Water		
MW-04								Water		
MW-05								Water		
MW-06								Water		
MW-07								Water		
MW-08								Water		
MW-09								Water		
MW-10								Water		
MW-11								Water		
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"/> Radiologica					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 <i>Cory Higgins</i>		Date/Time 2/22/22		Company Kone		Received by <i>M. Puckett</i>		Date/Time 2/22/22		Company FA
Relinquished by <i>A. Clark</i>		Date/Time 2/22/22		Company 1340		Received by <i>Stephanie Hernandez</i>		Date/Time 2/22/22 1340		Company EEM
Relinquished by		Date/Time		Company		Received by		Date/Time		Company
Custody Seals Intact.		Custody Seal No		Cooler Temperature(s) °C and Other Remarks		3.7				
<input type="checkbox"/> Yes <input type="checkbox"/> No										

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


Chain of Custody Record

MKE 232

Eurofins Environmental Testing
 America

Client Information		Sampler: <u>CORY HIGGINS</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.2																																					
Client Contact: Mitchell Dolan		Phone: <u>630 277 6078</u>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 2 of 2																																					
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500-212711</u>																																			
Address: 414 Plaza Drive Suite 106		Due Date Requested:		<table border="1"> <tr> <td>903.0, 904.0</td> <td>6010C, 8020A, 7470A</td> <td>2640C, 4600, F-C, 5M4500, Cl-E, 5M4600, SO4-E</td> </tr> </table>						903.0, 904.0	6010C, 8020A, 7470A	2640C, 4600, F-C, 5M4500, Cl-E, 5M4600, SO4-E	Preservation Codes:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)																														
903.0, 904.0	6010C, 8020A, 7470A	2640C, 4600, F-C, 5M4500, Cl-E, 5M4600, SO4-E																																											
City: Westmont		TAT Requested (days):								Other:																																			
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																											
Phone: 779-279-2321(Tel)		PO #: 4502081393																																											
Email: mitcheld@kprginc.com		WO #:		<table border="1"> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)</th> <th>Analysis Requested</th> </tr> <tr> <td>MW-12</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-13</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-14</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-15</td> <td>2/23/22</td> <td>14:30</td> <td>G</td> <td>Water</td> <td>N XXX</td> </tr> <tr> <td>Duplicate</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> </table>						Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Analysis Requested	MW-12	 	 	 	Water	 	MW-13	 	 	 	Water	 	MW-14	 	 	 	Water	 	MW-15	2/23/22	14:30	G	Water	N XXX	Duplicate				Water	
Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)							Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Analysis Requested																																		
MW-12	 	 	 							Water	 																																		
MW-13	 	 	 	Water	 																																								
MW-14	 	 	 	Water	 																																								
MW-15	2/23/22	14:30	G	Water	N XXX																																								
Duplicate				Water																																									
Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Project #: 50011609		<table border="1"> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)</th> <th>Analysis Requested</th> </tr> <tr> <td>MW-12</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-13</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-14</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> <tr> <td>MW-15</td> <td>2/23/22</td> <td>14:30</td> <td>G</td> <td>Water</td> <td>N XXX</td> </tr> <tr> <td>Duplicate</td> <td> </td> <td> </td> <td> </td> <td>Water</td> <td> </td> </tr> </table>						Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Analysis Requested	MW-12	 	 	 	Water	 	MW-13	 	 	 	Water	 	MW-14	 	 	 	Water	 	MW-15	2/23/22	14:30	G	Water	N XXX	Duplicate				Water	
Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)							Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Analysis Requested																																		
MW-12	 	 	 	Water	 																																								
MW-13	 	 	 	Water	 																																								
MW-14	 	 	 	Water	 																																								
MW-15	2/23/22	14:30	G	Water	N XXX																																								
Duplicate				Water																																									
Site: Illinois		SSOW#:		Special Instructions/Note:																																									
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																								
<input 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 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>Cory Higgins</u>		Date/Time: <u>2/23/22</u>		Company: <u>Kprg</u>		Received by: <u>P. Neal</u>		Date/Time: <u>2/23/22 1330</u>		Company: <u>unclon</u>																																			
Relinquished by: <u>P. Neal</u>		Date/Time: <u>2/23/22 1451</u>		Company: <u>unclon</u>		Received by: <u>Sophanie Humonda</u>		Date/Time: <u>2/23/22 1451</u>		Company: <u>EEA</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:																																									



Client Information		Sampler <i>COM HIGGS/MIKE RESS</i>		Lab PM. Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.1	
Client Contact Mitchel Dolan		Phone: <i>6302776038/7085283932</i>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 1 of 2	
Company KPRG and Associates, Inc.		PWSID:		Analysis Request				Job #: <i>500-212711</i>	
Address: 414 Plaza Drive Suite 106		Due Date Requested:						 500-212711 COC	
City Westmont		TAT Requested (days):		A - HCL		M - Hexane			
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None			
Phone: 779-279-2321(Tel)		PO #: 4502081393		C - Zn Acetate		O - AsNaO2			
Email: mitcheld@kprginc.com		WO #:		D - Nitric Acid		P - Na2O4S			
Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Project #: 50011609		E - NaHSO4		Q - Na2SO3			
Site: Illinois		SSOW#:		F - MeOH		R - Na2S2O3			
				G - Amchlor		S - H2SO4			
				H - Ascorbic Acid		T - TSP Dodecahydrate			
				I - Ice		U - Acetone			
				J - DI Water		V - MCAA			
				K - EDTA		W - pH 4-5			
				L - EDA		Z - other (specify)			
				Other:					
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
_____		_____		_____		_____		_____	
_____		_____		_____		_____		_____	
8 MW-03		2/24/22		12:25		G		Water	
9 MW-04		2/24/22		11:45		G		Water	
10 MW-05		2/24/22		13:15		G		Water	
_____		_____		_____		_____		_____	
_____		_____		_____		_____		_____	
11 MW-08		2/24/22		15:20		G		Water	
_____		_____		_____		_____		_____	
12 MW-10		2/24/22		09:30		G		Water	
13 MW-11		2/23/22		14:20		G		Water	
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input 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 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 <i>Comp. Izzigino</i>		Date/Time: 2/25/22		Company <i>KPRG</i>		Received by <i>P Neal</i>		Date/Time: 2/25/22 0902	
Relinquished by <i>P Neal</i>		Date/Time: 2/25/22 1205		Company <i>EVA</i>		Received by <i>Stephanie Hemondley</i>		Date/Time: 2/25/22 1205	
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: <i>5, 1, 3, 1, 0, 2, 7, 0, 3</i>					

Eurofins Chicago

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

Chain of Custody Record

MKE 232



Client Information		Sampler: <i>CORP HIGGINS/MICKROSS</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.2		
Client Contact: Mitchel Dolan		Phone: <i>630 277 6038 / 708 528 3932</i>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 2 of 2		
Company: KPRG and Associates, Inc.				PWSID:		Analysis Requested				
Address: 414 Plaza Drive Suite 106		Due Date Requested:		903.0, 904.0 8010C, 8020A, 7470A 2640C, 4600_F, C, SM4600_CL, SM4600_SO4_E				Job #: <i>500-212711</i> Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)		
City: Westmont		TAT Requested (days):								
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								
Phone: 779-279-2321(Tel)		PO #: 4502081393								
Email: mitcheld@kprginc.com		WFO #:								
Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Project #: 500116009								
Site: Illinois		SSOW#:								
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		
								Special Instructions/Note:		
14 MW-12		2/24/22		14:15		G		Water		
15 MW-13		2/23/22		11:22		G		Water		
16 MW-14		2/23/22		11:00		G		Water		
MW-15		 		 		 		 		
17 Duplicate		2/24/22		—		G		Water		
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input 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 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: <i>Cory Higgins</i>		Date/Time: <i>2/25/22</i>		Company: <i>KPRG</i>		Received by: <i>N Neal</i>		Date/Time: <i>2/25/22 0902</i>		Company: <i>ETA</i>
Relinquished by: <i>P. Neal</i>		Date/Time: <i>2/25/22 1205</i>		Company: <i>ETA</i>		Received by: <i>Stephanie Hernandez</i>		Date/Time: <i>2/25/22 1205</i>		Company: <i>EETA</i>
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:						



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Shipping/Receiving		Phone:		Mockler, Diana J		500-157448.1		Page:	
Company: TestAmerica Laboratories, Inc.		Address: 13715 Rider Trail North,		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin: Illinois		Page 1 of 1	
City: Earth City		Due Date Requested: 3/22/2022		Accreditations Required (See note): NELAP - Illinois		Job #: 500-212711-2		Preservation Codes:	
State, Zip: MO 63045		TAT Requested (days):		Field Filtered Sample (Yes or No)		Perfom MS/MSD (Yes or No)		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		PO #:		Matrix (Water, Solid, Overstabil)		903.0/PreSep_21 Standard Target List		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Email:		WO #:		Sample Type (C=comp, G=grab)		94.0/PreSep_0 Standard Target List		Special Instructions/Note:	
Project Name: Will County CCR		Project #: 50011609		Sample Time		R4226Ra228_GFPc		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
Site: NRG Midwest Generation Will County		SSOW#:		Sample Date		R4226Ra228_GFPc		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
Sample Identification - Client ID (Lab ID)		Sample Date		Preservation Code:		Total Number of Containers		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-01 (500-212711-1)	2/21/22	13:20 Central	Water	X	X	3			
MW-02 (500-212711-2)	2/21/22	15:05 Central	Water	X	X	3			
Duplicate-1 (500-212711-3)	2/21/22	Central	Water	X	X	3			

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date/Time:	Received by:	Date/Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	2/22/22 1530	Company: <i>[Signature]</i>		
Relinquished by:		Company:		
Relinquished by:		Company:		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:		



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: Lab PM: Mockler, Diana J		Carrier Tracking No(s): 500-157485.1					
Client Contact: Shipping/Receiving		Phone: E-Mail: Diana.Mockler@Eurofins.com		Page: Page 1 of 1					
Company: TestAmerica Laboratories, Inc.		Address: 13715 Rider Trail North, City: Earth City, State: MO, Zip: 63045		Job #: 500-212711-1					
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		PO #: WO #:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
Project Name: Will County CCR		Project #: 50011609		Accreditations Required (See note): NELAP - Illinois					
Site: NRG Midwest Generation Will County		SSOW#:		Analysis Requested					
Due Date Requested: 3/15/2022		TAT Requested (days):		Total Number of Containers					
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Swab, On-surface, BT-Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_0 Standard Target List	R226Ra228_GFPc
MW-06 (500-212711-4)	2/22/22	09:50 Central	Water	Water	X	X	X	X	3
MW-07 (500-212711-5)	2/22/22	11:25 Central	Water	Water	X	X	X	X	3
MW-09 (500-212711-6)	2/22/22	12:55 Central	Water	Water	X	X	X	X	3
MW-15 (500-212711-7)	2/22/22	14:30 Central	Water	Water	X	X	X	X	3
<p>Special Instructions/Note:</p> <p>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;</p> <p>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;</p> <p>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;</p> <p>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;</p>									
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.</p>									
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>									
Empty Kit Relinquished by:		Date/Time:		Time:		Method of Shipment:			
Relinquished by: <i>Shawn Smith</i>		Date/Time: 2/22/22 10:05		Company: <i>FEDEX</i>		Received by: <i>Fedex</i>		Date/Time: 2-25-22 12:15	
Relinquished by: <i>Fedex</i>		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:					



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-212711-1

Login Number: 212711

List Number: 1

Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7,4.3,4.7,5.1,3.1,-0.3 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (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: Will County CCR

Job ID: 500-212711-1

Client Sample ID: MW-01

Lab Sample ID: 500-212711-1

Date Collected: 02/21/22 13:20

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:27	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 09:53	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	643902	02/23/22 05:02	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:46	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:31	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647243	03/15/22 17:01	PFK	TAL CHI

Client Sample ID: MW-02

Lab Sample ID: 500-212711-2

Date Collected: 02/21/22 15:05

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:30	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 09:55	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	643902	02/23/22 05:04	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:47	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:34	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	647597	03/17/22 14:52	PFK	TAL CHI

Client Sample ID: Duplicate-1

Lab Sample ID: 500-212711-3

Date Collected: 02/21/22 00:00

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:34	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 09:58	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	643902	02/23/22 05:07	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:47	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:38	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	647243	03/15/22 17:12	PFK	TAL CHI

Client Sample ID: MW-06

Lab Sample ID: 500-212711-4

Date Collected: 02/22/22 09:50

Matrix: Water

Date Received: 02/23/22 14:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:37	FXG	TAL CHI

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-212711-1

Client Sample ID: MW-06

Date Collected: 02/22/22 09:50

Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:00	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644165	02/24/22 05:42	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:47	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:41	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647243	03/15/22 17:02	PFK	TAL CHI

Client Sample ID: MW-07

Date Collected: 02/22/22 11:25

Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:41	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:02	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644165	02/24/22 05:50	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:48	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:54	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647243	03/15/22 17:02	PFK	TAL CHI

Client Sample ID: MW-09

Date Collected: 02/22/22 12:55

Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			644498	02/25/22 08:29		TAL CHI
Total Recoverable	Analysis	6020A		1	645038	02/28/22 17:44	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:04	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644165	02/24/22 05:55	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		10	647120	03/15/22 14:48	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 14:58	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	647597	03/17/22 14:52	PFK	TAL CHI

Client Sample ID: MW-15

Date Collected: 02/22/22 14:30

Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 16:48	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		10	645443	03/02/22 12:37	FXG	TAL CHI

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-212711-1

Client Sample ID: MW-15
Date Collected: 02/22/22 14:30
Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:06	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644165	02/24/22 05:57	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:49	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:01	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	647597	03/17/22 14:53	PFK	TAL CHI

Client Sample ID: MW-03
Date Collected: 02/24/22 12:25
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:06	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		10	645443	03/02/22 13:02	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:12	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 19:59	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:49	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:06	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647597	03/17/22 14:53	PFK	TAL CHI

Client Sample ID: MW-04
Date Collected: 02/24/22 11:45
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:09	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		20	645443	03/02/22 13:05	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:15	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:02	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:49	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:09	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	647597	03/17/22 14:53	PFK	TAL CHI

Lab Chronicle

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

Job ID: 500-212711-1

Client Sample ID: MW-05

Lab Sample ID: 500-212711-10

Date Collected: 02/24/22 13:15

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:13	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		20	645443	03/02/22 13:09	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:17	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:04	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		1	647120	03/15/22 14:49	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:12	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	647243	03/15/22 17:03	PFK	TAL CHI

Client Sample ID: MW-08

Lab Sample ID: 500-212711-11

Date Collected: 02/24/22 15:20

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:23	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		5	645443	03/02/22 13:12	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:19	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:07	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		10	647120	03/15/22 14:49	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:16	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647597	03/17/22 14:53	PFK	TAL CHI

Client Sample ID: MW-10

Lab Sample ID: 500-212711-12

Date Collected: 02/24/22 09:30

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:27	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		10	645443	03/02/22 13:16	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:27	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:10	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:50	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:20	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	647597	03/17/22 14:54	PFK	TAL CHI

Lab Chronicle

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

Job ID: 500-212711-1

Client Sample ID: MW-11
Date Collected: 02/23/22 14:20
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:30	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		5	645443	03/02/22 13:19	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:29	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:12	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:50	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:23	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		2	647597	03/17/22 14:54	PFK	TAL CHI

Client Sample ID: MW-12
Date Collected: 02/24/22 14:15
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:34	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		5	645443	03/02/22 13:23	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:32	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:15	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:50	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:26	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	647597	03/17/22 14:55	PFK	TAL CHI

Client Sample ID: MW-13
Date Collected: 02/23/22 11:22
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:37	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645443	03/02/22 13:26	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:38	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:17	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:51	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:40	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		2	647597	03/17/22 14:56	PFK	TAL CHI

Lab Chronicle

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

Job ID: 500-212711-1

Client Sample ID: MW-14
Date Collected: 02/23/22 11:00
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:41	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		10	645443	03/02/22 13:30	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:40	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644711	02/27/22 20:20	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:52	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:43	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	647597	03/17/22 14:56	PFK	TAL CHI

Client Sample ID: Duplicate
Date Collected: 02/24/22 00:00
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		1	645249	03/01/22 17:44	FXG	TAL CHI
Total Recoverable	Prep	3005A			645026	03/01/22 09:01		TAL CHI
Total Recoverable	Analysis	6020A		10	645443	03/02/22 13:33	FXG	TAL CHI
Total/NA	Prep	7470A			645524	03/03/22 13:40		TAL CHI
Total/NA	Analysis	7470A		1	645683	03/04/22 10:42	MJG	TAL CHI
Total/NA	Analysis	SM 2540C		1	644712	02/27/22 21:19	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	647120	03/15/22 14:52	PFK	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	645550	03/03/22 15:46	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	647597	03/17/22 14:56	PFK	TAL CHI

Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-212711-2
Client Project/Site: Will County CCR

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

Attn: Richard Gnat



Authorized for release by:
3/30/2022 1:22:24 PM

Diana Mockler, Project Manager I
(219)252-7570
Diana.Mockler@Eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

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

Job ID: 500-212711-2

Job ID: 500-212711-2

Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-212711-2

Comments

No additional comments.

Receipt

The samples were received on 2/22/2022 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were -0.3° C, 3.1° C, 3.7° C, 4.3° C, 4.7° C and 5.1° C.

Receipt Exceptions

Sample #7 "MW-15" Plastic 1-liter unpreserved has ID of MW-8. Logged sample MW-15 per matching time/Client.

RAD

Method 903.0: Radium 226 batch 552801

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

MW-01 (500-212711-1), MW-02 (500-212711-2), Duplicate-1 (500-212711-3), MW-06 (500-212711-4), MW-07 (500-212711-5), MW-09 (500-212711-6), MW-15 (500-212711-7), (LCS 160-552801/1-A), (MB 160-552801/22-A) and (500-212711-D-1-A DU)

Method 903.0: Radium 226 batch 553139

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

MW-03 (500-212711-8), MW-04 (500-212711-9), MW-05 (500-212711-10), MW-08 (500-212711-11), MW-10 (500-212711-12), MW-11 (500-212711-13), MW-12 (500-212711-14), MW-13 (500-212711-15), MW-14 (500-212711-16), Duplicate (500-212711-17), (LCS 160-553139/1-A), (MB 160-553139/22-A) and (500-212711-D-10-A DU)

Method 904.0: Radium 228 batch 552806

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date

MW-01 (500-212711-1), MW-02 (500-212711-2), Duplicate-1 (500-212711-3), MW-06 (500-212711-4), MW-07 (500-212711-5), MW-09 (500-212711-6), MW-15 (500-212711-7), (LCS 160-552806/1-A), (MB 160-552806/22-A) and (500-212711-D-1-B DU)

Method 904.0: Radium 228 batch 553148

The detection goal was not met for the following sample(s). Sample was prepped at a reduced volume due to the presence of matrix interferences: MW-12 (500-212711-14). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 batch 553148

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative. Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date

MW-03 (500-212711-8), MW-04 (500-212711-9), MW-05 (500-212711-10), MW-08 (500-212711-11), MW-10 (500-212711-12), MW-11 (500-212711-13), MW-12 (500-212711-14), MW-13 (500-212711-15), MW-14 (500-212711-16), Duplicate (500-212711-17), (LCS 160-553148/1-A), (MB 160-553148/22-A) and (500-212711-D-10-B DU)

Method PrecSep_0:

Case Narrative

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

Job ID: 500-212711-2

Job ID: 500-212711-2 (Continued)

Laboratory: Eurofins Chicago (Continued)

Method PrecSep_0:

Method PrecSep-21:

Method PrecSep-21:

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

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Method Summary

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

Job ID: 500-212711-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

TAL 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: Will County CCR

Job ID: 500-212711-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-212711-1	MW-01	Water	02/21/22 13:20	02/22/22 13:40
500-212711-2	MW-02	Water	02/21/22 15:05	02/22/22 13:40
500-212711-3	Duplicate-1	Water	02/21/22 00:00	02/22/22 13:40
500-212711-4	MW-06	Water	02/22/22 09:50	02/23/22 14:51
500-212711-5	MW-07	Water	02/22/22 11:25	02/23/22 14:51
500-212711-6	MW-09	Water	02/22/22 12:55	02/23/22 14:51
500-212711-7	MW-15	Water	02/22/22 14:30	02/23/22 14:51
500-212711-8	MW-03	Water	02/24/22 12:25	02/25/22 12:05
500-212711-9	MW-04	Water	02/24/22 11:45	02/25/22 12:05
500-212711-10	MW-05	Water	02/24/22 13:15	02/25/22 12:05
500-212711-11	MW-08	Water	02/24/22 15:20	02/25/22 12:05
500-212711-12	MW-10	Water	02/24/22 09:30	02/25/22 12:05
500-212711-13	MW-11	Water	02/23/22 14:20	02/25/22 12:05
500-212711-14	MW-12	Water	02/24/22 14:15	02/25/22 12:05
500-212711-15	MW-13	Water	02/23/22 11:22	02/25/22 12:05
500-212711-16	MW-14	Water	02/23/22 11:00	02/25/22 12:05
500-212711-17	Duplicate	Water	02/24/22 00:00	02/25/22 12:05

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Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-01

Lab Sample ID: 500-212711-1

Date Collected: 02/21/22 13:20

Matrix: Water

Date Received: 02/22/22 13:40

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.541		0.255	0.259	1.00	0.320	pCi/L	03/01/22 09:48	03/29/22 08:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		40 - 110					03/01/22 09:48	03/29/22 08:00	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.232	U	0.246	0.247	1.00	0.402	pCi/L	03/01/22 10:29	03/28/22 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		40 - 110					03/01/22 10:29	03/28/22 13:22	1
Y Carrier	86.4		40 - 110					03/01/22 10:29	03/28/22 13:22	1

Method: 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	0.773		0.354	0.358	5.00	0.402	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-02

Lab Sample ID: 500-212711-2

Date Collected: 02/21/22 15:05

Matrix: Water

Date Received: 02/22/22 13:40

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.376	0.377	1.00	0.643	pCi/L	03/01/22 09:48	03/29/22 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	58.4		40 - 110					03/01/22 09:48	03/29/22 08:01	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.313	U	0.503	0.503	1.00	0.848	pCi/L	03/01/22 10:29	03/28/22 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	58.4		40 - 110					03/01/22 10:29	03/28/22 13:22	1
Y Carrier	87.9		40 - 110					03/01/22 10:29	03/28/22 13:22	1

Method: 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	0.628	0.629	5.00	0.848	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: Duplicate-1

Lab Sample ID: 500-212711-3

Date Collected: 02/21/22 00:00

Matrix: Water

Date Received: 02/22/22 13:40

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.587		0.323	0.327	1.00	0.412	pCi/L	03/01/22 09:48	03/29/22 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		40 - 110					03/01/22 09:48	03/29/22 08:01	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.958		0.425	0.434	1.00	0.609	pCi/L	03/01/22 10:29	03/28/22 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		40 - 110					03/01/22 10:29	03/28/22 13:22	1
Y Carrier	87.1		40 - 110					03/01/22 10:29	03/28/22 13:22	1

Method: 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	1.55		0.534	0.543	5.00	0.609	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-06
Date Collected: 02/22/22 09:50
Date Received: 02/23/22 14:51

Lab Sample ID: 500-212711-4
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0986	U	0.151	0.151	1.00	0.260	pCi/L	03/01/22 09:48	03/29/22 07:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		40 - 110					03/01/22 09:48	03/29/22 07:53	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.452		0.259	0.262	1.00	0.387	pCi/L	03/01/22 10:29	03/28/22 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		40 - 110					03/01/22 10:29	03/28/22 13:22	1
Y Carrier	84.5		40 - 110					03/01/22 10:29	03/28/22 13:22	1

Method: 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	0.551		0.300	0.302	5.00	0.387	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-07

Lab Sample ID: 500-212711-5

Date Collected: 02/22/22 11:25

Matrix: Water

Date Received: 02/23/22 14:51

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.166	U	0.167	0.168	1.00	0.399	pCi/L	03/01/22 09:48	03/29/22 07:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		40 - 110					03/01/22 09:48	03/29/22 07:53	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0913	U	0.305	0.305	1.00	0.529	pCi/L	03/01/22 10:29	03/28/22 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		40 - 110					03/01/22 10:29	03/28/22 13:22	1
Y Carrier	83.4		40 - 110					03/01/22 10:29	03/28/22 13:22	1

Method: 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	-0.0749	U	0.348	0.348	5.00	0.529	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-09

Lab Sample ID: 500-212711-6

Date Collected: 02/22/22 12:55

Matrix: Water

Date Received: 02/23/22 14:51

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.148	U	0.186	0.186	1.00	0.308	pCi/L	03/01/22 09:48	03/29/22 07:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		40 - 110					03/01/22 09:48	03/29/22 07:54	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0961	U	0.237	0.238	1.00	0.409	pCi/L	03/01/22 10:29	03/28/22 13:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		40 - 110					03/01/22 10:29	03/28/22 13:33	1
Y Carrier	84.9		40 - 110					03/01/22 10:29	03/28/22 13:33	1

Method: 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	0.244	U	0.301	0.302	5.00	0.409	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-15

Lab Sample ID: 500-212711-7

Date Collected: 02/22/22 14:30

Matrix: Water

Date Received: 02/23/22 14:51

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.498		0.263	0.266	1.00	0.311	pCi/L	03/01/22 09:48	03/29/22 07:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		40 - 110					03/01/22 09:48	03/29/22 07:55	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.967		0.373	0.384	1.00	0.525	pCi/L	03/01/22 10:29	03/28/22 13:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		40 - 110					03/01/22 10:29	03/28/22 13:33	1
Y Carrier	84.5		40 - 110					03/01/22 10:29	03/28/22 13:33	1

Method: 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		0.456	0.467	5.00	0.525	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-03

Lab Sample ID: 500-212711-8

Date Collected: 02/24/22 12:25

Matrix: Water

Date Received: 02/25/22 12:05

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.311		0.193	0.195	1.00	0.255	pCi/L	03/03/22 10:28	03/29/22 10:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		40 - 110					03/03/22 10:28	03/29/22 10:03	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.802		0.331	0.339	1.00	0.473	pCi/L	03/03/22 11:05	03/28/22 13:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		40 - 110					03/03/22 11:05	03/28/22 13:36	1
Y Carrier	82.2		40 - 110					03/03/22 11:05	03/28/22 13:36	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.11		0.383	0.391	5.00	0.473	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-04
Date Collected: 02/24/22 11:45
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-9
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.144	U	0.204	0.204	1.00	0.345	pCi/L	03/03/22 10:28	03/29/22 10:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.9		40 - 110					03/03/22 10:28	03/29/22 10:03	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.262	U	0.261	0.262	1.00	0.424	pCi/L	03/03/22 11:05	03/28/22 13:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.9		40 - 110					03/03/22 11:05	03/28/22 13:37	1
Y Carrier	83.0		40 - 110					03/03/22 11:05	03/28/22 13:37	1

Method: 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	0.406	U	0.331	0.332	5.00	0.424	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-05

Lab Sample ID: 500-212711-10

Date Collected: 02/24/22 13:15

Matrix: Water

Date Received: 02/25/22 12:05

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.100	U	0.159	0.159	1.00	0.276	pCi/L	03/03/22 10:28	03/29/22 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		40 - 110					03/03/22 10:28	03/29/22 10:04	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.152	U	0.246	0.246	1.00	0.415	pCi/L	03/03/22 11:05	03/28/22 13:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		40 - 110					03/03/22 11:05	03/28/22 13:37	1
Y Carrier	84.1		40 - 110					03/03/22 11:05	03/28/22 13:37	1

Method: 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	0.253	U	0.293	0.293	5.00	0.415	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-08
Date Collected: 02/24/22 15:20
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-11
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.113	U	0.206	0.206	1.00	0.365	pCi/L	03/03/22 10:28	03/29/22 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.1		40 - 110					03/03/22 10:28	03/29/22 10:04	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.488	U	0.406	0.408	1.00	0.645	pCi/L	03/03/22 11:05	03/28/22 13:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.1		40 - 110					03/03/22 11:05	03/28/22 13:37	1
Y Carrier	83.0		40 - 110					03/03/22 11:05	03/28/22 13:37	1

Method: 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	0.601	U	0.455	0.457	5.00	0.645	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-10
Date Collected: 02/24/22 09:30
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-12
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.226	U	0.217	0.217	1.00	0.335	pCi/L	03/03/22 10:28	03/29/22 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		40 - 110					03/03/22 10:28	03/29/22 10:04	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.543	U	0.392	0.395	1.00	0.615	pCi/L	03/03/22 11:05	03/28/22 13:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		40 - 110					03/03/22 11:05	03/28/22 13:37	1
Y Carrier	80.0		40 - 110					03/03/22 11:05	03/28/22 13:37	1

Method: 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	0.768		0.448	0.451	5.00	0.615	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-11

Lab Sample ID: 500-212711-13

Date Collected: 02/23/22 14:20

Matrix: Water

Date Received: 02/25/22 12:05

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.705		0.399	0.404	1.00	0.485	pCi/L	03/03/22 10:28	03/29/22 10:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		40 - 110					03/03/22 10:28	03/29/22 10:05	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.948	U	0.633	0.639	1.00	0.979	pCi/L	03/03/22 11:05	03/28/22 13:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		40 - 110					03/03/22 11:05	03/28/22 13:37	1
Y Carrier	81.5		40 - 110					03/03/22 11:05	03/28/22 13:37	1

Method: 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	1.65		0.748	0.756	5.00	0.979	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-12
Date Collected: 02/24/22 14:15
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-14
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.690	U	0.546	0.549	1.00	0.753	pCi/L	03/03/22 10:28	03/29/22 10:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		40 - 110					03/03/22 10:28	03/29/22 10:06	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.624	U G	0.963	0.965	1.00	1.62	pCi/L	03/03/22 11:05	03/28/22 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		40 - 110					03/03/22 11:05	03/28/22 13:39	1
Y Carrier	83.0		40 - 110					03/03/22 11:05	03/28/22 13:39	1

Method: 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	1.31	U	1.11	1.11	5.00	1.62	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-13
Date Collected: 02/23/22 11:22
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-15
Matrix: Water

Method: 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	U	0.185	0.185	1.00	0.306	pCi/L	03/03/22 10:28	03/29/22 10:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		40 - 110					03/03/22 10:28	03/29/22 10:06	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.186	U	0.325	0.325	1.00	0.613	pCi/L	03/03/22 11:05	03/28/22 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		40 - 110					03/03/22 11:05	03/28/22 13:39	1
Y Carrier	81.5		40 - 110					03/03/22 11:05	03/28/22 13:39	1

Method: 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	-0.0395	U	0.374	0.374	5.00	0.613	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: MW-14
Date Collected: 02/23/22 11:00
Date Received: 02/25/22 12:05

Lab Sample ID: 500-212711-16
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.362		0.252	0.254	1.00	0.338	pCi/L	03/03/22 10:28	03/29/22 10:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		40 - 110					03/03/22 10:28	03/29/22 10:06	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.512	U	0.394	0.396	1.00	0.615	pCi/L	03/03/22 11:05	03/28/22 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		40 - 110					03/03/22 11:05	03/28/22 13:39	1
Y Carrier	81.5		40 - 110					03/03/22 11:05	03/28/22 13:39	1

Method: 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	0.874		0.468	0.470	5.00	0.615	pCi/L		03/30/22 12:32	1

Client Sample Results

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

Job ID: 500-212711-2

Client Sample ID: Duplicate

Lab Sample ID: 500-212711-17

Date Collected: 02/24/22 00:00

Matrix: Water

Date Received: 02/25/22 12:05

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.534		0.274	0.279	1.00	0.321	pCi/L	03/03/22 10:28	03/29/22 10:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.4		40 - 110					03/03/22 10:28	03/29/22 10:06	1

Method: 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.185	U	0.340	0.340	1.00	0.579	pCi/L	03/03/22 11:05	03/28/22 13:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.4		40 - 110					03/03/22 11:05	03/28/22 13:39	1
Y Carrier	80.7		40 - 110					03/03/22 11:05	03/28/22 13:39	1

Method: 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	0.718		0.437	0.440	5.00	0.579	pCi/L		03/30/22 12:32	1

Definitions/Glossary

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

Job ID: 500-212711-2

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.
α	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: Will County CCR

Job ID: 500-212711-2

Rad

Prep Batch: 552801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	PrecSep-21	
500-212711-2	MW-02	Total/NA	Water	PrecSep-21	
500-212711-3	Duplicate-1	Total/NA	Water	PrecSep-21	
500-212711-4	MW-06	Total/NA	Water	PrecSep-21	
500-212711-5	MW-07	Total/NA	Water	PrecSep-21	
500-212711-6	MW-09	Total/NA	Water	PrecSep-21	
500-212711-7	MW-15	Total/NA	Water	PrecSep-21	
MB 160-552801/22-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-552801/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-212711-1 DU	MW-01	Total/NA	Water	PrecSep-21	

Prep Batch: 552806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-1	MW-01	Total/NA	Water	PrecSep_0	
500-212711-2	MW-02	Total/NA	Water	PrecSep_0	
500-212711-3	Duplicate-1	Total/NA	Water	PrecSep_0	
500-212711-4	MW-06	Total/NA	Water	PrecSep_0	
500-212711-5	MW-07	Total/NA	Water	PrecSep_0	
500-212711-6	MW-09	Total/NA	Water	PrecSep_0	
500-212711-7	MW-15	Total/NA	Water	PrecSep_0	
MB 160-552806/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-552806/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-212711-1 DU	MW-01	Total/NA	Water	PrecSep_0	

Prep Batch: 553139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-8	MW-03	Total/NA	Water	PrecSep-21	
500-212711-9	MW-04	Total/NA	Water	PrecSep-21	
500-212711-10	MW-05	Total/NA	Water	PrecSep-21	
500-212711-11	MW-08	Total/NA	Water	PrecSep-21	
500-212711-12	MW-10	Total/NA	Water	PrecSep-21	
500-212711-13	MW-11	Total/NA	Water	PrecSep-21	
500-212711-14	MW-12	Total/NA	Water	PrecSep-21	
500-212711-15	MW-13	Total/NA	Water	PrecSep-21	
500-212711-16	MW-14	Total/NA	Water	PrecSep-21	
500-212711-17	Duplicate	Total/NA	Water	PrecSep-21	
MB 160-553139/22-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-553139/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-212711-10 DU	MW-05	Total/NA	Water	PrecSep-21	

Prep Batch: 553148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-8	MW-03	Total/NA	Water	PrecSep_0	
500-212711-9	MW-04	Total/NA	Water	PrecSep_0	
500-212711-10	MW-05	Total/NA	Water	PrecSep_0	
500-212711-11	MW-08	Total/NA	Water	PrecSep_0	
500-212711-12	MW-10	Total/NA	Water	PrecSep_0	
500-212711-13	MW-11	Total/NA	Water	PrecSep_0	
500-212711-14	MW-12	Total/NA	Water	PrecSep_0	
500-212711-15	MW-13	Total/NA	Water	PrecSep_0	
500-212711-16	MW-14	Total/NA	Water	PrecSep_0	

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QC Association Summary

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

Job ID: 500-212711-2

Rad (Continued)

Prep Batch: 553148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-212711-17	Duplicate	Total/NA	Water	PrecSep_0	
MB 160-553148/22-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-553148/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-212711-10 DU	MW-05	Total/NA	Water	PrecSep_0	

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

QC Sample Results

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

Job ID: 500-212711-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-552801/22-A
Matrix: Water
Analysis Batch: 557637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552801

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.1393	U	0.158	0.158	1.00	0.255	pCi/L	03/01/22 09:48	03/29/22 10:02	1
Carrier	MB	MB	Limits				Prepared		Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	40 - 110				03/01/22 09:48		03/29/22 10:02	1

Lab Sample ID: LCS 160-552801/1-A
Matrix: Water
Analysis Batch: 557637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 552801

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec. Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	9.452		1.18	1.00	0.241	pCi/L	83	75 - 125
Carrier	LCS	LCS	Limits						
Ba Carrier	%Yield	Qualifier	40 - 110						

Lab Sample ID: 500-212711-1 DU
Matrix: Water
Analysis Batch: 557637

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 552801

Analyte	Sample	Sample	DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.541		0.1138	U	0.169	1.00	0.289	pCi/L	1.0	1
Carrier	DU	DU	Limits							
Ba Carrier	%Yield	Qualifier	40 - 110							

Lab Sample ID: MB 160-553139/22-A
Matrix: Water
Analysis Batch: 557632

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553139

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.09457	U	0.106	0.107	1.00	0.278	pCi/L	03/03/22 10:28	03/29/22 10:01	1
Carrier	MB	MB	Limits				Prepared		Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	40 - 110				03/03/22 10:28		03/29/22 10:01	1

Lab Sample ID: LCS 160-553139/1-A
Matrix: Water
Analysis Batch: 557655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553139

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec. Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	9.313		1.18	1.00	0.313	pCi/L	82	75 - 125

QC Sample Results

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

Job ID: 500-212711-2

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

Lab Sample ID: LCS 160-553139/1-A
Matrix: Water
Analysis Batch: 557655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553139

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.4		40 - 110

Lab Sample ID: 500-212711-10 DU
Matrix: Water
Analysis Batch: 557655

Client Sample ID: MW-05
Prep Type: Total/NA
Prep Batch: 553139

Analyte	Sample		DU		Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual						
Radium-226	0.100	U	0.07029	U	0.141	1.00	0.254	pCi/L	0.10	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.2		40 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-552806/22-A
Matrix: Water
Analysis Batch: 557424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552806

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	-0.3290	U	0.276	0.278	1.00	0.534	pCi/L	03/01/22 10:29	03/28/22 13:34	1

	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		40 - 110	03/01/22 10:29	03/28/22 13:34	1
Y Carrier	87.5		40 - 110	03/01/22 10:29	03/28/22 13:34	1

Lab Sample ID: LCS 160-552806/1-A
Matrix: Water
Analysis Batch: 557606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 552806

Analyte	Spike Added	LCS		Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
		Result	Qual						
Radium-228	8.75	8.353		0.993	1.00	0.330	pCi/L	95	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	96.8		40 - 110
Y Carrier	84.1		40 - 110

Lab Sample ID: 500-212711-1 DU
Matrix: Water
Analysis Batch: 557606

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 552806

Analyte	Sample		DU		Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual						
Radium-228	0.232	U	0.3668	U	0.270	1.00	0.417	pCi/L	0.26	1

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QC Sample Results

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

Job ID: 500-212711-2

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

Lab Sample ID: 500-212711-1 DU
Matrix: Water
Analysis Batch: 557606

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 552806

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	81.0		40 - 110
Y Carrier	86.0		40 - 110

Lab Sample ID: MB 160-553148/22-A
Matrix: Water
Analysis Batch: 557421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553148

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.09851	U	0.232	0.232	1.00	0.399	pCi/L	03/03/22 11:05	03/28/22 13:42	1

	MB	MB		Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	95.6		40 - 110	03/03/22 11:05	03/28/22 13:42	1
Y Carrier	87.1		40 - 110	03/03/22 11:05	03/28/22 13:42	1

Lab Sample ID: LCS 160-553148/1-A
Matrix: Water
Analysis Batch: 557411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553148

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

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.4		40 - 110
Y Carrier	84.1		40 - 110

Lab Sample ID: 500-212711-10 DU
Matrix: Water
Analysis Batch: 557411

Client Sample ID: MW-05
Prep Type: Total/NA
Prep Batch: 553148

Analyte	Sample Sample		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual								
Radium-228	0.152	U	0.1459	U	0.245	1.00	0.414	pCi/L	0.01	1

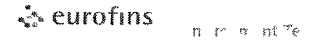
	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.2		40 - 110
Y Carrier	84.9		40 - 110

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

Chain of Custody Record

MKE 232



Client Information		Sampler CORY HIGGINS		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No: 500-98809-43323 2																																			
Client Contact Mitchel Dolan		Phone 630 277 6038		E-Mail Diana.Mockler@Eurofinset.com		State of Origin		Page Page 2 of 2																																			
Company KPRG and Associates Inc.		PWSID		Analysis Requested						Job # 500-212711																																	
Address 414 Plaza Drive Suite 106		Due Date Requested		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>903.0, 904.0</td> </tr> <tr> <td>Performs MS/MSD (Yes or No)</td> <td>6010C, 6020A, 7470A</td> </tr> <tr> <td></td> <td>2640C, 4500_F, C SM4600_CL_E, SM4600_S04 E</td> </tr> </table>						Field Filtered Sample (Yes or No)	903.0, 904.0	Performs MS/MSD (Yes or No)	6010C, 6020A, 7470A		2640C, 4500_F, C SM4600_CL_E, SM4600_S04 E	Preservation Codes		<table border="0"> <tr><td>A HCL</td><td>M Hexane</td></tr> <tr><td>B NaOH</td><td>N None</td></tr> <tr><td>C Zn Acetate</td><td>O AsNaO2</td></tr> <tr><td>D Nitric Acid</td><td>P Na2O4S</td></tr> <tr><td>E NaHSO4</td><td>Q Na2SO3</td></tr> <tr><td>F MeOH</td><td>R Na2S2O3</td></tr> <tr><td>G Amchlor</td><td>S H2SO4</td></tr> <tr><td>H Ascorbic Acid</td><td>T TSP Dodecahydrate</td></tr> <tr><td>I Ice</td><td>U Acetone</td></tr> <tr><td>J DI Water</td><td>V MCAA</td></tr> <tr><td>K EDTA</td><td>W pH 4-5</td></tr> <tr><td>L EDA</td><td>Z other specify)</td></tr> </table>		A HCL	M Hexane	B NaOH	N None	C Zn Acetate	O AsNaO2	D Nitric Acid	P Na2O4S	E NaHSO4	Q Na2SO3	F MeOH	R Na2S2O3	G Amchlor	S H2SO4	H Ascorbic Acid	T TSP Dodecahydrate	I Ice	U Acetone	J DI Water	V MCAA	K EDTA	W pH 4-5	L EDA	Z other specify)
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G Amchlor	S H2SO4																																										
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K EDTA	W pH 4-5																																										
L EDA	Z other specify)																																										
City Westmont		TAT Requested (days)																																									
State Zip IL 60559		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No																																									
Phone 779-279-2321(Tel)		PO #: 4502081393																																									
Email mitcheld@kprginc.com		WO #:																																									
Project Name Will County CCR Event Desc: Quarterly GW Monitoring		Project # 50011609		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>903.0, 904.0</td> </tr> <tr> <td>Performs MS/MSD (Yes or No)</td> <td>6010C, 6020A, 7470A</td> </tr> <tr> <td></td> <td>2640C, 4500_F, C SM4600_CL_E, SM4600_S04 E</td> </tr> </table>						Field Filtered Sample (Yes or No)	903.0, 904.0	Performs MS/MSD (Yes or No)	6010C, 6020A, 7470A		2640C, 4500_F, C SM4600_CL_E, SM4600_S04 E	Other																											
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Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Number of Containers		Special Instructions/Note																															
W-12								Water																																			
W-13								Water																																			
W-14								Water																																			
								Water																																			
3 Duplicate - 1								Water		XXXX																																	
4 TRIP BLANK																																											
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																	
<input 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 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 <i>Cory Higgins</i>		Date/Time 2/22/22		Company		Received by <i>[Signature]</i>		Date/Time 2/22/22 1340		Company TA																																	
Relinquished by <i>[Signature]</i>		Date/Time 2/22/22		Company 1340		Received by <i>Stephanie Hamondley</i>		Date/Time 2/22/22 1340		Company TEWA																																	
Relinquished by <i>[Signature]</i>		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																																							

Eurofins Chicago

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

Chain of Custody Record

MKE 232



Client Information		Sampler: <u>CONY HIGGINS</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.1	
Client Contact: Mitchel Dolan		Phone: <u>630 277 6030</u>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 1 of 2	
Company: KPRG and Associates, Inc.		Address: 414 Plaza Drive Suite 106		City: Westmont		State, Zip: IL, 60559		Job #: <u>500-212711</u>	
Phone: 779-279-2321(Tel)		Email: mitcheld@kprginc.com		Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Site: Illinois		Analysis Reques	
Due Date Requested:		TAT Requested (days):		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #: 4502081393		WO #:	
Project #: 50011609		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0, 904.0	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
								9010C, 6020A, 7470A	
								2E40C, 4E00_F_C, SM4500_Cl_E, SM4500_SO4_E	
								500-212711 COC	
								Preservation Codes:	
								A - HCL M - Hexane	
								B - NaOH N - None	
								C - Zn Acetate O - AsNaO2	
								D - Nitric Acid P - Na2O4S	
								E - NaHSO4 Q - Na2SO3	
								F - MeOH R - Na2SO4	
								G - Amchlor S - H2SO4	
								H - Ascorbic Acid T - TSP Dodecahydrate	
								I - Ice U - Acetone	
								J - DI Water V - MCAA	
								K - EDTA W - pH 4-5	
								L - EDA Z - other (specify)	
								Other:	
								Special Instructions/Note:	
MW-01								Water	
MW-02								Water	
MW-03								Water	
MW-04								Water	
MW-05								Water	
4 MW-06		2/22/22		09:50		G		Water	
5 MW-07		2/22/22		11:25		G		Water	
MW-08								Water	
6 MW-09		2/22/22		12:55		G		Water	
MW-10								Water	
MW-11								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 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>Cony Higgins</u>		Date/Time: <u>2/23/22</u>		Company: <u>KPRG</u>		Received by: <u>P. Neal</u>		Date/Time: <u>2/23/22 1330</u>	
Relinquished by: <u>P. Neal</u>		Date/Time: <u>2/23/22 1451</u>		Company: <u>eurofins</u>		Received by: <u>Stephanie Hernandez</u>		Date/Time: <u>2/23/21 1451</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>4.3 4.7</u>					

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

Chain of Custody Record

MKE 232

Eurofins Environmental Testing
 America

Client Information		Sampler: <u>CORY HIGGINS</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.2																																																	
Client Contact: Mitchell Dolan		Phone: <u>630 277 6078</u>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 2 of 2																																																	
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500-212711</u>																																															
Address: 414 Plaza Drive Suite 106		Due Date Requested:		<table border="1"> <tr> <td>803.0, 804.0</td> <td>8010C, 8020A, 7470A</td> <td>2640C, 4600, F-C, 5M4500, Cl-E, 5M4500, SO4-E</td> </tr> </table>						803.0, 804.0	8010C, 8020A, 7470A	2640C, 4600, F-C, 5M4500, Cl-E, 5M4500, SO4-E	Preservation Codes:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)																																										
803.0, 804.0	8010C, 8020A, 7470A	2640C, 4600, F-C, 5M4500, Cl-E, 5M4500, SO4-E																																																							
City: Westmont		TAT Requested (days):								Other:																																															
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																																							
Phone: 779-279-2321(Tel)		PO #: 4502081393																																																							
Email: mitcheld@kprginc.com		WO #:																																																							
Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Project #: 50011609		<table border="1"> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=wasteflow, BT=Tissue, A=Air)</th> <th>Analysis Requested</th> <th>Preservation Code</th> <th>Special Instructions/Note</th> </tr> <tr> <td>MW-12</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>MW-13</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>MW-14</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>MW-15</td> <td>2/23/22</td> <td>14:30</td> <td>G</td> <td>Water</td> <td>N</td> <td>XXX</td> <td></td> </tr> <tr> <td>Duplicate</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> </tr> </table>						Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteflow, BT=Tissue, A=Air)	Analysis Requested	Preservation Code	Special Instructions/Note	MW-12	 	 	 	 	 	 	 	MW-13	 	 	 	 	 	 	 	MW-14	 	 	 	 	 	 	 	MW-15	2/23/22	14:30	G	Water	N	XXX		Duplicate				Water			
Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)							Matrix (W=water, S=solid, O=wasteflow, BT=Tissue, A=Air)	Analysis Requested	Preservation Code	Special Instructions/Note																																												
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MW-15	2/23/22	14:30	G	Water	N	XXX																																																			
Duplicate				Water																																																					
Site: Illinois		SSOW#:																																																							

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

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

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

Special Instructions/QC Requirements:

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


Relinquished by: <u>Cory Higgins</u>	Date/Time: <u>2/23/22</u>	Company: <u>Kprg</u>	Received by: <u>P. Neal</u>	Date/Time: <u>2/23/22 1330</u>	Company: <u>unclon</u>
Relinquished by: <u>P. Neal</u>	Date/Time: <u>2/23/22 1451</u>	Company: <u>unclon</u>	Received by: <u>Sophia Humana</u>	Date/Time: <u>2/23/22 1451</u>	Company: <u>ETA</u>

Custody Seals Intact: Yes No

Custody Seal No: _____

Cooler Temperature(s) °C and Other Remarks: _____

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Client Information		Sampler <i>COM HILLS/MIKE RESS</i>		Lab PM. Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-98809-43323.1	
Client Contact Mitchel Dolan		Phone: <i>6302776038/7085283932</i>		E-Mail: Diana.Mockler@Eurofinset.com		State of Origin:		Page: Page 1 of 2	
Company KPRG and Associates, Inc.		PWSID:		Analysis Request				Job #: <i>500-212711</i>	
Address: 414 Plaza Drive Suite 106		Due Date Requested:						 500-212711 COC	
City Westmont		TAT Requested (days):		A - HCL		M - Hexane			
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None			
Phone: 779-279-2321(Tel)		PO #: 4502081393		C - Zn Acetate		O - AsNaO2			
Email: mitcheld@kprginc.com		WO #:		D - Nitric Acid		P - Na2O4S			
Project Name: Will County CCR Event Desc: Quarterly GW Monitoring		Project #: 50011609		E - NaHSO4		Q - Na2SO3			
Site: Illinois		SSOW#:		F - MeOH		R - Na2S2O3			
				G - Amchlor		S - H2SO4			
				H - Ascorbic Acid		T - TSP Dodecahydrate			
				I - Ice		U - Acetone			
				J - DI Water		V - MCAA			
				K - EDTA		W - pH 4-5			
				L - EDA		Z - other (specify)			
				Other:					
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
								Special Instructions/Note:	
MW-01		2/24/22		12:25		G		Water	
MW-02		2/24/22		11:45		G		Water	
8 MW-03		2/24/22		12:25		G		Water	
9 MW-04		2/24/22		11:45		G		Water	
10 MW-05		2/24/22		13:15		G		Water	
MW-06		2/24/22		13:15		G		Water	
MW-07		2/24/22		15:20		G		Water	
11 MW-08		2/24/22		15:20		G		Water	
MW-09		2/24/22		09:30		G		Water	
12 MW-10		2/24/22		09:30		G		Water	
13 MW-11		2/23/22		14:20		G		Water	
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input 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 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 <i>Comp. Izzigiano</i>		Date/Time: 2/25/22		Company <i>KPRG</i>		Received by <i>P Neal</i>		Date/Time: 2/25/22 0902	
Relinquished by <i>P Neal</i>		Date/Time: 2/25/22 1205		Company <i>EVA</i>		Received by <i>Stephanie Hemondley</i>		Date/Time: 2/25/22 1205	
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: <i>5, 1, 3, 1, 0, 2, 7, 0, 3</i>					

Client Information (Sub Contract Lab)		Sampler:	Lab Pkt:	Carrier Tracking No(s):	COC No:
Client Contact: Shipping/Receiving		Mockler, Diana J	Mockler, Diana J		500-157550.2
Company: TestAmerica Laboratories, Inc.		Phone:	E-Mail:	State of Origin:	Page:
Address: 13715 Rider Trail North, Earth City State, Zip: MO, 63045 Phone: 314-298-8566(Tel) 314-298-8757(Fax) Email:		Diana.Mockler@Eurofinset.com		Illinois	Page 2 of 2
Project Name: Will County CCR Site: NRG Midwest Generation Will County		Accreditations Required (See note): NELAP - Illinois		Job #:	500-212711-1
Due Date Requested: 3/15/2022 TAT Requested (days):		Analysis Requested			
PO #:	WO #:	Project #: 50011609	SSOW#:	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)
2/24/22	Central	Water	Water	X	X
Sample Identification - Client ID (Lab ID)		Matrix (W=water, S=solid, O=waste/oil, B=Bi-Tissue, A=Air)		Total Number of containers	
Duplicate (500-212711-17)		Water		3	
Special Instructions/Note:		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume:			
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2</p> <p>Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____</p> <p>Relinquished by: <i>Alvin Scotts</i> Date/Time: <i>2/25/22 1515</i> Company: <i>FEDEX</i></p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____</p>					
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Special Instructions/QC Requirements:</p> <p>Received by: <i>FEDEX</i> Date/Time: <i>FEB 26 2022 0840</i> Company: <i>GTMSR</i></p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Cooler Temperature(s) °C and Other Remarks:</p>					



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-212711-2

Login Number: 212711

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7,4.3,4.7,5.1,3.1,-0.3 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-212711-2

Login Number: 212711

List Number: 2

Creator: Johnson, Autumn R

List Source: Eurofins St. Louis

List Creation: 02/23/22 04:56 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?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-212711-2

Login Number: 212711

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/25/22 02:06 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?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-212711-2

Login Number: 212711

List Number: 4

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/28/22 10:16 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?	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").	True	
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: Will County CCR

Job ID: 500-212711-2

Client Sample ID: MW-01

Lab Sample ID: 500-212711-1

Date Collected: 02/21/22 13:20

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557637	03/29/22 08:00	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557606	03/28/22 13:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-02

Lab Sample ID: 500-212711-2

Date Collected: 02/21/22 15:05

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557637	03/29/22 08:01	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557606	03/28/22 13:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: Duplicate-1

Lab Sample ID: 500-212711-3

Date Collected: 02/21/22 00:00

Matrix: Water

Date Received: 02/22/22 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557637	03/29/22 08:01	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557606	03/28/22 13:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-06

Lab Sample ID: 500-212711-4

Date Collected: 02/22/22 09:50

Matrix: Water

Date Received: 02/23/22 14:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 07:53	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557606	03/28/22 13:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Lab Chronicle

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

Job ID: 500-212711-2

Client Sample ID: MW-07

Lab Sample ID: 500-212711-5

Date Collected: 02/22/22 11:25

Matrix: Water

Date Received: 02/23/22 14:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 07:53	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557606	03/28/22 13:22	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-09

Lab Sample ID: 500-212711-6

Date Collected: 02/22/22 12:55

Matrix: Water

Date Received: 02/23/22 14:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 07:54	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557424	03/28/22 13:33	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-15

Lab Sample ID: 500-212711-7

Date Collected: 02/22/22 14:30

Matrix: Water

Date Received: 02/23/22 14:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			552801	03/01/22 09:48	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 07:55	FLC	TAL SL
Total/NA	Prep	PrecSep_0			552806	03/01/22 10:29	LPS	TAL SL
Total/NA	Analysis	904.0		1	557424	03/28/22 13:33	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-03

Lab Sample ID: 500-212711-8

Date Collected: 02/24/22 12:25

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:36	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Lab Chronicle

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

Job ID: 500-212711-2

Client Sample ID: MW-04

Lab Sample ID: 500-212711-9

Date Collected: 02/24/22 11:45

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:03	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-05

Lab Sample ID: 500-212711-10

Date Collected: 02/24/22 13:15

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:04	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-08

Lab Sample ID: 500-212711-11

Date Collected: 02/24/22 15:20

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:04	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-10

Lab Sample ID: 500-212711-12

Date Collected: 02/24/22 09:30

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:04	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Lab Chronicle

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

Job ID: 500-212711-2

Client Sample ID: MW-11

Lab Sample ID: 500-212711-13

Date Collected: 02/23/22 14:20

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:05	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:37	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-12

Lab Sample ID: 500-212711-14

Date Collected: 02/24/22 14:15

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:39	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-13

Lab Sample ID: 500-212711-15

Date Collected: 02/23/22 11:22

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:39	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Client Sample ID: MW-14

Lab Sample ID: 500-212711-16

Date Collected: 02/23/22 11:00

Matrix: Water

Date Received: 02/25/22 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:39	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Lab Chronicle

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

Job ID: 500-212711-2

Client Sample ID: Duplicate

Lab Sample ID: 500-212711-17

Date Collected: 02/24/22 00:00

Matrix: Water

Date Received: 02/25/22 12:05

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Prep	PrecSep-21			553139	03/03/22 10:28	LPS	TAL SL
Total/NA	Analysis	903.0		1	557655	03/29/22 10:06	FLC	TAL SL
Total/NA	Prep	PrecSep_0			553148	03/03/22 11:05	LPS	TAL SL
Total/NA	Analysis	904.0		1	557411	03/28/22 13:39	FLC	TAL SL
Total/NA	Analysis	Ra226_Ra228		1	557867	03/30/22 12:32	EMH	TAL SL

Laboratory References:

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



Tracer/Carrier Summary

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

Job ID: 500-212711-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (40-110)	
500-212711-1	MW-01	83.3	
500-212711-1 DU	MW-01	81.0	
500-212711-2	MW-02	58.4	
500-212711-3	Duplicate-1	78.8	
500-212711-4	MW-06	89.4	
500-212711-5	MW-07	77.6	
500-212711-6	MW-09	92.9	
500-212711-7	MW-15	79.6	
500-212711-8	MW-03	88.2	
500-212711-9	MW-04	88.9	
500-212711-10	MW-05	89.2	
500-212711-10 DU	MW-05	89.2	
500-212711-11	MW-08	79.1	
500-212711-12	MW-10	92.1	
500-212711-13	MW-11	80.8	
500-212711-14	MW-12	92.1	
500-212711-15	MW-13	91.4	
500-212711-16	MW-14	78.6	
500-212711-17	Duplicate	87.4	
LCS 160-552801/1-A	Lab Control Sample	96.8	
LCS 160-553139/1-A	Lab Control Sample	87.4	
MB 160-552801/22-A	Method Blank	86.9	
MB 160-553139/22-A	Method Blank	95.6	

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 (40-110)	Y (40-110)
500-212711-1	MW-01	83.3	86.4
500-212711-1 DU	MW-01	81.0	86.0
500-212711-2	MW-02	58.4	87.9
500-212711-3	Duplicate-1	78.8	87.1
500-212711-4	MW-06	89.4	84.5
500-212711-5	MW-07	77.6	83.4
500-212711-6	MW-09	92.9	84.9
500-212711-7	MW-15	79.6	84.5
500-212711-8	MW-03	88.2	82.2
500-212711-9	MW-04	88.9	83.0
500-212711-10	MW-05	89.2	84.1
500-212711-10 DU	MW-05	89.2	84.9
500-212711-11	MW-08	79.1	83.0
500-212711-12	MW-10	92.1	80.0
500-212711-13	MW-11	80.8	81.5
500-212711-14	MW-12	92.1	83.0
500-212711-15	MW-13	91.4	81.5

Tracer/Carrier Summary

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

Job ID: 500-212711-2

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

Matrix: Water

Prep Type: Total/NA

Percent Yield (Acceptance Limits)

Lab Sample ID	Client Sample ID	Ba (40-110)	Y (40-110)
500-212711-16	MW-14	78.6	81.5
500-212711-17	Duplicate	87.4	80.7
LCS 160-552806/1-A	Lab Control Sample	96.8	84.1
LCS 160-553148/1-A	Lab Control Sample	87.4	84.1
MB 160-552806/22-A	Method Blank	86.9	87.5
MB 160-553148/22-A	Method Blank	95.6	87.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	2/24/22
Sample Name	MW-5	Start Time	12:40	
Condition of Well	GOOD			
Water Level	9.45	Total Depth		
Well Diameter	PVC - 2 inch	Volume in Well		
Method of Purge	Low-Flow	Purge Characteristics	CLEAR	
Volume Removed	2 gal	W L at Sample Time	9.44	
Method of Sample	Low-Flow	Sample Characteristics	CLEAR	
Sample Analysis	CCR CCA	Sample Time	1315	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
12:58		6.73	10.1	1831	0.86	24.9	1.9
13:03		6.73	10.2	1837	0.84	12.2	0.52
13:08		6.75	10.0	1849	0.84	-0.9	0.20
13:13		6.73	9.9	1851	0.84	1.9	0.37

SAMPLING NOTES:

Sampler Name and Company:

MIKE RESS
KPRG and Associates

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	2/22/22
Sample Name	MW-6	Start Time	0915	
Condition of Well	GOOD			
Water Level	11.39	Total Depth		
Well Diameter	PVC - 2 inch	Volume in Well		
Method of Purge	Low-Flow	Purge Characteristics	ORANGE	
Volume Removed	4 gal	W L at Sample Time	11.16	
Method of Sample	Low-Flow	Sample Characteristics	CLEAR	
Sample Analysis	CCR CCA	Sample Time	0:950	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0920		7.48	11.1	1047	2.20	-54.9	264.81
0925		7.43	10.7	1046	0.77	-56.4	15.69
0930		7.35	10.5	1142	0.86	-84.4	3.63
0935		7.33	10.4	1182	0.92	-89.9	2.35
0940		7.32	10.4	1209	1.00	-95.2	1.55
0945		7.29	10.3	1223	1.07	-98.4	0.47

SAMPLING NOTES:

Sampler Name and Company:

COLE HIGGINS
KPRG and Associates

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	2/24/22
Sample Name	MW-10	Start Time	8:23	
Condition of Well	GOOD			
Water Level	9.65	Total Depth		
Well Diameter	PVC - 2 inch	Volume in Well		
Method of Purge	Low-Flow	Purge Characteristics	CLOUDY/CLOUDY	
Volume Removed	4 gal	W L at Sample Time	9.38	
Method of Sample	Low-Flow	Sample Characteristics	CLOUDY	
Sample Analysis	CCR CCA	Sample Time	09:30	
Water Quality Meter	YSI ProDss			

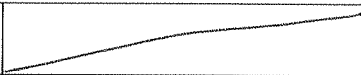
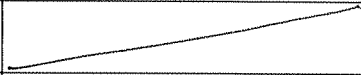
Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0905		7.07	9.8	1175	1.87	45.2	404.27
0910		7.05	10.1	1180	1.46	1.8	226.92
0915		7.04	9.7	1210	1.05	-39.4	116.52
0920		7.06	9.8	1224	0.90	-50.9	84.97
0925		7.02	9.9	1239	0.81	-59.6	72.18

SAMPLING NOTES:

CCR DUPLICATE - 2

Sampler Name and Company:

CORY HIGGINS
KPRG and Associates

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	2/23/22
Sample Name	MW-11	Start Time	12:45	
Condition of Well	FLUSH MOUNT IN PLACE			
Water Level	9.86	Total Depth		
Well Diameter	PVC - 2 inch	Volume in Well		
Method of Purge	Low-Flow	Purge Characteristics	GREY/MILKY	
Volume Removed	5.0 gal	W L at Sample Time	9.28	
Method of Sample	Low-Flow	Sample Characteristics	SLIGHTLY GREY	
Sample Analysis	CCR	Sample Time	14:20	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1341		6.96	12.1	1243	0.51	-107.4	581.22
1352		6.92	12.1	1248	0.63	-102.3	404.60
1357		6.92	12.1	1255	0.51	-107.2	281.70
1402		6.94	12.1	1256	0.47	-110.9	227.19
1407		6.93	12.1	1264	0.46	-112.7	180.64
1412		6.94	12.0	1250	0.52	-112.4	162.43

SAMPLING NOTES:

Sampler Name and Company:

CONY HIGGINS
KPRG and Associates

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	2/24/22
Sample Name	MW-12	Start Time	13:35	
Condition of Well	Good			
Water Level	9.80	Total Depth		
Well Diameter	PVC - 2 inch	Volume in Well		
Method of Purge	Low-Flow	Purge Characteristics	Good	
Volume Removed	2.5 gal	W L at Sample Time	9.80	
Method of Sample	Low-Flow	Sample Characteristics	Good	
Sample Analysis	CCR	Sample Time	14:15	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1357		7.09	10.9	1573	1.20	37.7	378.19
1402		7.11	10.8	1541	1.17	11.3	34.97
1407		7.09	10.5	1533	1.09	23.0	24.69
1412		7.06	10.3	1838	1.03	26.5	82.80

SAMPLING NOTES:

Sampler Name and Company: M1148 N599
KPRG and Associates