

DATA SUMMARY POSTING

Station: Midwest Generation Joliet #9 Generating Station

Regulated Unit(s): Lincoln Stone Quarry (IEPA ID No. W1970450046-01)

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 2nd quarter 2025 which includes the entire list of parameters specified under Section 845.600(a)(1) and (b). Table 1 is a summary table of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring.

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

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #9, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity		
G45S up-gradient	11/20/2015	0.81	120	180	0.35	7.20	360	810	< 0.0030	0.0081	0.044	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.012	1.76	< 0.0025	< 0.0020	NA		
	5/12/2016	0.68	110	140	0.34	7.37	230	860	< 0.0030	0.0076	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.010	3.01	< 0.0025	< 0.0020	NA		
	6/30/2016	0.48	87	110	0.34	7.50	170	670	< 0.0030	0.0075	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.034	< 0.00020	0.0080	2.05	< 0.0025	< 0.0020	NA		
	8/25/2016	0.47	94	100	0.35	7.28	170	790	< 0.0030	0.0076	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.0086	1.91	< 0.0025	< 0.0020	NA		
	11/16/2016	0.41	91	90	0.33	7.34	170	620	< 0.0030	0.0079	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.0094	2.04	< 0.0025	< 0.0020	NA		
	2/14/2017	0.43	97	97	0.32	7.36	160	620	< 0.0030	0.0093	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.029	< 0.00020	0.0083	1.85	< 0.0025	< 0.0020	NA		
	5/23/2017	0.36	85	110	0.35	7.30	150	660	< 0.0030	0.0082	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.0093	1.40	< 0.0025	< 0.0020	NA		
	7/7/2017	0.42	94	120	< 0.10	7.21	150	600	< 0.0030	0.0086	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.0070	1.88	< 0.0025	< 0.0020	NA		
	9/26/2017	0.43	110	130	0.30	7.21	160	790	< 0.0030	0.010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.029	< 0.00020	0.0079	2.14	< 0.0025	< 0.0020	NA		
	11/21/2017	0.34	96	130	0.33	7.29	180	700	< 0.0030	0.0094	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.0072	8.45	< 0.0025	< 0.0020	NA		
	3/9/2018	0.38	97	110	0.32	7.18	180	710	< 0.0030	0.0093	0.036	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	^ < 0.00020	0.0080	1.89	< 0.0025	< 0.0020	NA		
	5/21/2018	0.76	110	150	0.33	7.00	230	970	NA	0.0072	0.047	NA	NA	NA	< 0.0010	< 0.00050	0.033	NA	0.013	2.37	< 0.0025	NA	NA		
	12/7/2018	0.46	91	120	0.33	7.02	100	740	NA	0.0090	0.034	NA	NA	NA	< 0.0010	< 0.00050	0.031	NA	0.010	1.91	< 0.0025	NA	NA		
	6/28/2019	0.39	96	130	0.33	7.51	120	720	NA	0.010	0.039	NA	NA	NA	< 0.0010	< 0.00050	0.032	NA	0.0087	1.99	< 0.0025	NA	NA		
	11/14/2019	0.48	110	170	0.33	7.33	170	830	NA	< 0.010	0.042	NA	NA	NA	< 0.0010	< 0.00050	0.034	NA	0.010	2.89	< 0.010	NA	NA		
	6/26/2020	0.62	130	220	0.33	7.21	240	970	NA	0.011	0.049	NA	NA	NA	< 0.0010	< 0.00050	0.039	NA	0.0088	3.1	< 0.0025	NA	NA		
	12/11/2020	0.70	120	180	0.38	7.16	220	760	NA	0.011	0.042	NA	NA	NA	< 0.0010	^ < 0.00050	0.038	NA	0.012	1.88	< 0.0025	NA	NA		
	3/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.87	
	4/5/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33
	4/23/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.54
	5/18/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36
	6/28/2021	0.44	91	110	0.35	7.20	150	680	< 3.0	0.010	0.034	< 1.0	< 0.50	< 5.0	< 0.0010	< 0.00050	0.031	< 0.00020	0.0083	2.14	< 0.0025	< 2.0	0.64		
	7/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40
	8/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36
	9/23/2021	0.39	85	110	0.35	7.43	140	690	< 0.0030	0.010	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.0076	2.77	< 0.0025	< 0.0020	0.46		
	12/16/2021	0.34	84	87	0.36	7.35	130	510	< 0.0030	0.0092	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.0073	1.74	< 0.0025	< 0.0020	0.89		
	3/16/2022	< 0.50	130	86	0.36	7.35	130	700	< 0.0030	0.0018	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.075	< 0.00020	0.0092	2.92	< 0.0025	< 0.0020	0.98		
	6/10/2022	0.34	84	110	0.35	7.28	130	630	< 0.0030	0.0082	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.0072	2.17	< 0.0025	< 0.0020	0.03		
	9/26/2022	0.48	97	150	0.35	7.14	180	830	< 0.0030	0.0086	0.042	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.029	< 0.00020	0.011	2.63	< 0.0025	< 0.0020	0.29		
	12/21/2022	0.39	110	190	0.72	7.06	190	920	< 0.0030	0.010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.029	< 0.00020	0.0089	2.91	< 0.0025	< 0.0020	2.04		
	3/23/2023	0.44	91	130	0.35	7.30	160	740	< 0.0030	0.010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.011	2.28	< 0.0025	< 0.0020	1.13		
	6/30/2023	0.44	89	120	0.36	7.23	150	610	< 0.0030	0.0094	0.038	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.012	1.88	< 0.0025	< 0.0020	0.42		
	9/14/2023	0.46	67	120	0.36	7.35	F1 150	600	< 0.0030	0.010	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.00050	< 0.00050	0.026	< 0.00020	0.013	1.95	< 0.0025	< 0.0010	0.97		
	12/20/2023	0.50	81	130	0.35	7.48	160	680	^1+ < 0.0030	0.010	0.036	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.012	2.16	< 0.0025	< 0.0020	1.74		
	3/12/2024	0.39	84	110	0.36	7.49	150	640	^1+ < 0.0030	0.0087	0.035	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.013	2.46	< 0.0025	< 0.0020	0.58		
	6/12/2024	0.29	84	100	0.38	7.35	150	660	< 0.0030	0.0089	0.033	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.010	1.76	< 0.0025	< 0.0020	0.79		
	8/23/2024	0.45	96	120	0.31	7.30	150	700	< 0.0030	0.0080	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.0084	1.42	< 0.0025	< 0.0020	3.09		
	11/26/2024	0.52	110	130	0.36	7.31	160	850	< 0.0030	0.0084	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.011	2.30	< 0.0025	< 0.0020	1.75		
	3/26/2025	0.38	92	120	0.37	7.41	160	710	< 0.0030	0.0088	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.012	1.64	< 0.0025	< 0.0020	0.61		
	6/12/2025	0.45	87	130	0.37	7.26	160	710	< 0.0030	0.0081	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.012	2.17	< 0.0025	< 0.0020	0.78		
	T03S up-gradient	11/19/2015	0.52	110	75	0.22	7.07	250	710	< 0.0030	0.0019	0.063	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.026	1.101	< 0.0025	< 0.0020	NA	
		5/5/2016	0.84	100	100	0.21	7.16	190	820	< 0.0030	0.0013	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.030	1.43	< 0.0025	< 0.0020	NA	
		6/28/2016	0.98	100	94	0.19	7.30	180	910	< 0.0030	0.0011	0.086	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.017	< 0.00020	0.037	1.18	< 0.0025	< 0.0020	NA	
		8/25/2016	1.1	110	99	0.20	7.32	180	880	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.043	1.54	< 0.0025	< 0.0020	NA	
		11/17/2016	1.3	120	100	0.19	7.14	150	860	< 0.0030	0.0012	0.096	< 0.0010	< 0.00050	< 0.0050	0.0									

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #9, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity		
R08S down-gradient	11/23/2015	6.9	130	77	0.19	7.80	520	740	< 0.0030	0.0019	0.052	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.41	1.608	0.0061	< 0.0020	NA		
	5/6/2016	6.1	120	80	0.19	7.70	380	820	< 0.0030	0.0013	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.39	1.08	0.0079	< 0.0020	NA		
	6/28/2016	6.8	130	89	0.18	7.49	320	960	< 0.0030	0.0019	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.37	1.87	F1 0.0074	< 0.0020	NA		
	8/25/2016	6.3	120	84	0.19	7.54	350	890	< 0.0030	0.0015	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.33	1.50	0.0032	< 0.0020	NA		
	11/21/2016	6.4	120	86	0.17	7.53	280	790	< 0.0030	0.0016	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.36	2.13	0.0037	< 0.0020	NA		
	2/14/2017	5.4	150	220	0.17	7.60	280	1,000	< 0.0030	0.0020	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.12	< 0.00020	0.30	2.71	0.0029	< 0.0020	NA		
	5/25/2017	12	250	90	0.17	7.56	340	830	< 0.0060	0.0028	0.092	^ < 0.0020	< 0.010	< 0.0020	< 0.0010	< 0.0010	0.25	< 0.00020	0.64	0.821	0.021	< 0.0040	NA		
	7/6/2017	6.3	140	87	0.17	7.62	350	830	< 0.0030	0.0020	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	^ < 0.00050	0.14	< 0.00020	0.35	1.15	0.0054	^ < 0.0020	NA		
	9/25/2017	7.3	140	81	0.15	7.57	390	840	< 0.0030	0.0020	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00067	0.13	< 0.00020	0.38	1.27	0.0079	< 0.0020	NA		
	11/21/2017	7.3	130	89	0.15	8.05	380	800	< 0.0030	0.0017	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.34	1.09	0.015	< 0.0020	NA		
	3/8/2018	7.4	150	83	0.14	8.62	420	850	< 0.0030	0.0016	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.37	1.55	0.012	< 0.0020	NA		
	5/18/2018	7.7	140	82	0.14	8.25	320	920	NA	0.0013	0.046	NA	NA	NA	< 0.0010	< 0.00050	0.15	NA	0.35	1.22	0.017	NA	NA		
	12/13/2018	7.7	140	79	0.15	8.11	240	800	NA	0.0012	0.046	NA	NA	NA	< 0.0010	< 0.00050	0.15	NA	0.37	1.450	0.017	NA	NA		
	6/19/2019	8.5	140	83	0.14	8.10	360	820	NA	0.0013	0.044	NA	NA	NA	< 0.0010	< 0.00050	0.16	NA	0.37	1.5	0.015	NA	NA		
	11/11/2019	6.4	140	84	0.15	7.91	360	730	NA	< 0.010	0.044	NA	NA	NA	< 0.0010	< 0.00050	0.15	NA	0.34	1.31	0.013	NA	NA		
	6/26/2020	7.9	140	83	0.15	8.32	370	750	NA	0.0011	0.043	NA	NA	NA	< 0.0010	< 0.00050	0.14	NA	0.36	1.68	0.017	NA	NA		
	12/14/2020	8.0	130	88	0.18	8.15	400	700	NA	0.0015	0.040	NA	NA	NA	< 0.0010	< 0.00050	0.14	NA	0.38	1.53	0.0081	NA	NA		
	3/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	
	4/1/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.46
	4/23/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34
	5/18/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.24
	6/8/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20
	6/23/2021	7.6	140	79	0.16	8.07	430	810	< 0.0030	0.0011	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	H < 0.00020	0.37	1.46	0.011	< 0.0020	NA		
	7/1/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17
	8/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.58
	9/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.42
	9/27/2021	0.41	150	80	0.15	8.27	430	740	< 0.0030	0.0015	0.042	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0079	< 0.00020	0.40	1.23	0.013	< 0.0020	NA		
	12/14/2021	7.8	150	77	0.15	8.37	410	830	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.39	1.81	0.012	< 0.0020	0.57		
	3/11/2022	7.7	130	75	0.16	8.21	420	840	< 0.0030	0.0014	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.37	2.33	0.0027	< 0.0020	0.52		
	6/7/2022	8.7	150	72	0.14	7.94	420	800	< 0.0030	0.0014	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.40	1.33	0.012	< 0.0020	0.23		
	9/19/2022	8.4	140	79	0.14	8.47	430	780	< 0.0030	0.0013	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.39	1.63	0.015	< 0.0020	0.36		
	12/19/2022	8.2	140	81	0.35	8.91	370	750	< 0.0030	0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.37	1.9	0.010	< 0.0020	1.01		
	3/22/2023	7.6	150	77	0.15	8.39	450	880	< 0.0030	0.0012	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.16	< 0.00020	0.40	1.68	0.011	< 0.0020	1.41		
	6/28/2023	8.9	150	77	0.13	7.87	400	750	< 0.0030	0.0013	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.16	< 0.00020	0.38	1.44	0.013	< 0.0020	0.34		
	9/7/2023	7.0	130	81	0.13	8.05	410	760	< 0.0080	< 0.0020	0.036	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.13	< 0.00020	0.34	0.950	0.0062	< 0.0040	0.15			
	12/20/2023	8.5	130	75	0.11	7.79	390	800	^1+ < 0.0030	0.0013	0.043	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.34	2.06	0.0066	< 0.0020	3.33		
	2/29/2024	8.2	140	71	0.13	7.96	400	770	^1+ < 0.0030	0.0010	0.041	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.16	< 0.00020	0.36	1.91	0.011	< 0.0020	0.64		
	6/19/2024	8.1	140	71	0.12	7.87	400	800	< 0.0030	0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.33	2.18	0.012	< 0.0020	0.40		
	8/27/2024	8.9	140	69	0.11	7.98	410	770	^1+ < 0.0030	0.0012	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.16	< 0.00020	0.40	1.65	0.010	< 0.0020	0.74		
	11/20/2024	8.0	140	67	0.11	7.86	380	800	< 0.0150	0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.33	1.43	0.0049	< 0.0020	0.41		
	3/24/2025	6.1	140	64	0.14	7.79	320	F1 760	< 0.0030	0.0014	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.11	< 0.00020	0.24	1.47	0.0084	< 0.0020	0.52		
	6/13/2025	8.6	140	70	0.10	8.18	390	750	< 0.0030	0.0018	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.14	< 0.00020	0.30	1.64	0.0026	< 0.0020	0.63		
	G20S down-gradient	11/19/2015	1.2	59	12	0.82	7.73	110	410	< 0.0030	< 0.0010	0.049	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.0068	2.078	< 0.0025	< 0.0020	NA	
		5/11/2016	1.2	53	12	0.81	7.52	77	410	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	0.00027	0.011	2.52	< 0.0025	< 0.0020	NA	
		6/29/2016	1.2	54	12	0.82	7.38	69	460	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.040	< 0.00020	0.014	2.79	< 0.0025	< 0.0020	NA	
8/23/2016		1.3	56	13	0.81	7.41	67	420	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.039	< 0.00020	0.017	3.67	< 0.0025	< 0.0020	NA		
11/17/2016		1.3	59	11</																					

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #9, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity		
G30S down-gradient	11/20/2015	5.8	63	190	1.3	7.46	580	1000	< 0.0030	0.014	0.041	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.33	1.484	< 0.0025	< 0.0020	NA		
	5/10/2016	5.4	53	190	1.3	7.68	390	1100	< 0.0030	0.017	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.30	1.41	< 0.0025	< 0.0020	NA		
	6/30/2016	5.2	60	F1 180	1.3	7.73	410	990	< 0.0030	0.013	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.30	1.17	< 0.0025	< 0.0020	NA		
	8/25/2016	5.7	59	F1 180	1.3	7.70	390	1100	< 0.0030	0.015	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.31	1.87	< 0.0025	< 0.0020	NA		
	11/18/2016	6.4	57	170	1.2	8.04	320	1100	< 0.0030	0.016	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.33	2.36	< 0.0025	< 0.0020	NA		
	2/14/2017	5.4	62	190	1.2	7.70	450	1000	< 0.0030	0.011	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.24	1.84	< 0.0025	< 0.0020	NA		
	5/25/2017	11	110	180	1.4	7.67	430	1100	< 0.0060	0.019	0.078	^ < 0.0020	< 0.0010	< 0.010	< 0.0020	< 0.0010	< 0.00050	0.040	< 0.00020	0.45	1.76	< 0.0050	< 0.0040	NA	
	7/7/2017	6.6	54	190	1.3	7.48	410	1100	< 0.0030	0.011	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.26	1.59	< 0.0025	< 0.0020	NA		
	9/26/2017	6.7	62	190	1.3	8.07	460	1100	< 0.0030	0.011	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.20	1.41	< 0.0025	< 0.0020	NA		
	11/20/2017	6.1	52	210	1.3	7.77	440	1100	< 0.0030	0.010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.19	1.73	< 0.0025	< 0.0020	NA		
	3/7/2018	5.1	56	200	1.3	7.97	470	1100	< 0.0030	0.011	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.14	1.94	< 0.0025	< 0.0020	NA		
	5/17/2018	5.7	55	210	1.2	7.77	540	1100	NA	0.011	0.043	NA	NA	NA	< 0.0010	< 0.00050	0.021	NA	0.13	1.57	F1 < 0.0025	NA	NA		
	12/15/2018	5.8	57	200	1.2	7.99	200	1100	NA	0.0069	0.041	NA	NA	NA	< 0.0010	< 0.00050	0.022	NA	0.065	2.04	< 0.0025	NA	NA		
	6/26/2019	5.4	57	220	1.1	7.98	350	1100	NA	0.0074	0.041	NA	NA	NA	< 0.0010	< 0.00050	0.018	NA	0.065	1.18	F1 < 0.0025	NA	NA		
	11/6/2019	4.5	58	210	1.1	7.99	350	1100	NA	0.010	0.041	NA	NA	NA	< 0.0010	< 0.00050	0.019	NA	0.013	1.620	0.010	NA	NA		
	6/25/2020	4.9	57	220	1.1	8.33	410	1100	NA	0.0053	0.042	NA	NA	NA	< 0.0010	< 0.00050	0.019	NA	0.020	2.19	< 0.0025	NA	NA		
	12/7/2020	5.3	57	220	1.2	7.83	450	1100	NA	0.0044	0.043	NA	NA	NA	< 0.0010	< 0.00050	0.024	NA	0.018	2.16	< 0.0025	NA	NA		
	3/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05	
	4/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14
	4/23/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.25
	5/18/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.43
	6/8/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.61
	6/30/2021	B 5.9	61	200	1.1	7.88	470	1100	< 3.0	< 0.017	0.048	^1+ < 1.0	< 0.50	< 5.0	< 0.0010	< 0.00050	0.024	< 0.00020	0.017	2.57	< 0.0025	< 2.0	NA		
	7/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.48
	8/13/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31
	9/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.48
	9/24/2021	0.26	60	210	0.99	8.16	460	1100	< 0.0030	0.0038	0.047	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.012	2.23	< 0.0025	< 0.0020	NA		
	12/15/2021	5.1	63	200	1.0	7.95	450	1200	< 0.0030	0.0028	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.010	2.45	< 0.0025	< 0.0020	0.09		
	3/15/2022	4.9	57	200	1.0	7.91	480	1300	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.012	< 0.00050	0.039	< 0.00020	0.017	1.34	< 0.0025	< 0.0020	0.45	
	6/10/2022	5.1	60	200	0.99	7.29	450	1200	< 0.0030	0.0024	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.010	2.32	< 0.0025	< 0.0020	0.16		
	9/28/2022	4.9	60	1100	0.98	7.72	470	1100	< 0.0030	0.0023	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.014	2.43	< 0.0025	< 0.0020	0.61		
	12/19/2022	5.1	61	210	1.2	7.80	440	1200	< 0.0030	0.0020	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.010	1.83	< 0.0025	< 0.0020	1.04		
	3/17/2023	5.2	63	200	0.93	7.82	470	1200	< 0.0030	0.0022	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0051	0.022	< 0.00020	0.010	1.22	< 0.0025	< 0.0020	2.43		
	6/29/2023	5.4	65	200	0.95	7.55	480	1200	< 0.0030	0.0023	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.0088	2.45	< 0.0025	< 0.0020	0.74		
	9/12/2023	4.5	48	220	0.93	7.67	480	1300	< 0.0020	< 0.0020	0.042	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	0.021	< 0.00020	0.0058	1.60	< 0.0050	0.0021	0.71		
	12/19/2023	5.1	64	210	0.88	7.88	480	1200	< 0.0030	0.0069	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0072	0.021	< 0.00020	0.015	2.04	< 0.0025	< 0.0020	3.05		
	3/7/2024	4.9	63	190	0.93	7.78	470	1300	^1+ < 0.0030	0.0056	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.029	1.59	< 0.0025	< 0.0020	4.14		
	6/19/2024	5.1	62	190	0.94	7.82	470	1300	< 0.0030	0.0014	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	< 0.0050	2.24	< 0.0025	< 0.0020	0.26		
	8/26/2024	5.1	70	200	0.76	7.59	490	1300	^1+ < 0.0030	< 0.0010	0.047	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	< 0.0050	2.19	< 0.0025	< 0.0020	0.57		
	11/25/2024	4.6	69	180	0.86	7.75	500	1300	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	< 0.0050	2.62	< 0.0025	< 0.0020	0.88		
	3/21/2025	5.1	70	200	0.87	7.35	560	1300	< 0.0030	0.0020	0.050	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	0.024	< 0.00020	< 0.0050	1.71	< 0.0025	< 0.0020	0.72		
	6/11/2025	5.0	66	220	0.86	7.89	530	1300	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	3.31	< 0.0025	< 0.0020	0.67		
	R32S down-gradient	11/19/2015	1.3	99	88	0.28	7.32	210	640	< 0.0030	0.0018	0.033	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.16	1.928	< 0.0025	< 0.0020	NA	
		5/5/2016	1.9	100	140	0.32	7.38	210	810	< 0.0030	0.0034	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0050	0.069	< 0.00020	0.29	2.26	< 0.0025	< 0.0020	NA	
		6/29/2016	2.5	110	110	0.35	7.53	280	860	< 0.0030	0.0021	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.065	< 0.00020	0.43	2.12	< 0.0025	< 0.0020	NA	
8/26/2016		3.0	120	100	0.40	7.30	330	850	< 0.0030	0.00															

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #9, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity		
G44S down-gradient	11/20/2015	1.0	120	43	0.21	7.11	220	640	< 0.0030	0.0012	0.053	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.10	1.161	< 0.0025	< 0.0020	NA		
	5/9/2016	0.91	110	37	0.18	7.39	120	690	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.046	< 0.415	< 0.0025	< 0.0020	NA		
	6/30/2016	0.69	100	32	0.18	7.59	99	620	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.025	0.879	< 0.0025	< 0.0020	NA		
	8/26/2016	0.89	120	36	0.19	7.12	110	710	< 0.0030	< 0.0010	0.053	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.047	0.816	< 0.0025	< 0.0020	NA		
	11/16/2016	0.82	120	26	0.17	7.15	88	530	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.041	0.475	< 0.0025	< 0.0020	NA		
	2/16/2017	0.86	120	30	0.15	7.38	120	620	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.044	0.729	< 0.0025	< 0.0020	NA		
	5/24/2017	0.83	120	31	0.19	7.08	95	600	< 0.0030	< 0.0010	0.048	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.031	1.02	< 0.0025	< 0.0020	NA		
	7/10/2017	0.83	110	30	< 0.10	7.00	110	700	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	0.061	0.667	< 0.0025	< 0.0020	NA		
	9/28/2017	0.99	130	30	0.19	7.13	100	730	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.081	0.614	< 0.0025	< 0.0020	NA		
	11/21/2017	0.79	110	35	0.18	7.06	120	640	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.055	0.913	< 0.0025	< 0.0020	NA		
	3/7/2018	0.91	120	36	0.18	7.19	110	670	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.049	1.31	< 0.0025	< 0.0020	NA		
	5/17/2018	0.98	120	35	0.18	7.02	96	780	NA	< 0.0010	0.054	NA	NA	NA	< 0.0010	< 0.00050	0.016	NA	0.071	0.714	< 0.0025	NA	NA		
	12/10/2018	1.1	120	43	0.19	7.41	78	630	NA	< 0.0010	0.057	NA	NA	NA	< 0.0010	< 0.00050	0.019	NA	0.14	0.454	< 0.0025	NA	NA		
	6/19/2019	1.3	130	59	0.19	7.02	140	720	NA	< 0.0010	0.062	NA	NA	NA	< 0.0010	< 0.00050	0.023	NA	0.13	0.841	< 0.0025	NA	NA		
	11/12/2019	1.3	140	53	0.21	7.22	160	670	NA	< 0.010	0.065	NA	NA	NA	< 0.0010	< 0.00050	0.026	NA	0.20	1.01	< 0.010	NA	NA		
	6/29/2020	1.4	130	52	0.21	7.30	160	670	NA	< 0.0010	0.060	NA	NA	NA	< 0.060	< 0.00050	0.024	NA	0.15	1.860	< 0.0025	NA	NA		
	12/15/2020	1.7	140	52	0.25	7.17	180	650	NA	< 0.0010	0.062	NA	NA	NA	< 0.0010	< 0.00050	0.03	NA	0.28	1.18	< 0.0025	NA	NA		
	3/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.66	
	4/5/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.89
	4/23/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.31
	5/18/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.41
	6/8/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.42
	6/30/2021	B 1.9	120	65	0.21	7.00	170	730	< 3.0	< 0.0010	0.058	^1+ < 1.0	< 0.50	< 5.0	< 0.0010	< 0.00050	0.026	< 0.00020	0.22	1.29	< 0.0025	< 2.0	NA		
	7/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.37
	8/12/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.56
	9/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.38
	9/27/2021	0.39	130	62	0.20	7.30	180	650	< 0.0030	< 0.0010	0.065	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0056	< 0.00020	0.29	1.19	< 0.0025	< 0.0020	NA		
	12/16/2021	1.9	140	62	0.20	7.21	170	690	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.29	1.12	< 0.0025	< 0.0020	1.29		
	3/15/2022	2.1	58	63	0.21	7.24	180	860	< 0.0030	0.0025	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.0093	0.98	< 0.0025	< 0.0020	1.09		
	6/9/2022	1.6	130	75	0.20	7.02	160	730	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.17	1.36	< 0.0025	< 0.0020	0.78		
	9/26/2022	1.8	130	810	0.21	7.01	180	810	< 0.0030	< 0.0010	0.065	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.24	1.6	< 0.0025	< 0.0020	0.86		
	12/21/2022	1.9	130	67	0.49	7.07	180	870	< 0.0030	< 0.0010	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.29	1.84	< 0.0025	< 0.0020	11.70		
	3/15/2023	1.9	130	66	0.20	7.1	190	720	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.26	0.783	< 0.0025	< 0.0020	1.13		
	6/29/2023	1.8	140	64	0.21	7.00	160	680	< 0.0030	< 0.010	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.24	1.36	< 0.0025	< 0.0020	3.04		
	9/13/2023	1.7	100	68	0.21	7.01	160	720	< 0.0020	< 0.0020	0.062	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	0.024	< 0.00020	0.21	1.54	< 0.0050	< 0.0010	0.93		
	12/19/2023	1.6	130	63	0.20	7.24	170	750	< 0.0030	0.0011	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.17	1.50	< 0.0025	< 0.0020	12.60		
	3/6/2024	1.4	130	66	0.21	7.29	150	710	^1+ < 0.0030	< 0.0010	0.065	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.14	0.873	< 0.0025	< 0.0020	6.71		
	6/21/2024	1.2	130	64	0.22	7.24	150	850	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.11	1.18	< 0.0025	< 0.0020	3.52		
	8/29/2024	1.4	140	60	0.18	7.34	160	760	< 0.0030	< 0.0010	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.15	1.48	< 0.0025	< 0.0020	3.59		
	11/26/2024	1.6	130	50	0.21	7.14	150	800	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.19	1.40	< 0.0025	< 0.0020	57.60		
	3/26/2025	1.7	130	F1 57	0.22	7.13	170	720	< 0.0030	< 0.0010	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.20	0.806	< 0.0025	< 0.0020	2.07		
	6/12/2025	1.8	130	59	0.22	7.00	170	700	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.21	1.76	< 0.0025	< 0.0020	9.64		
	G46S down-gradient	11/23/2015	6.0	110	80	0.27	7.32	430	780	< 0.0030	0.0033	0.064	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.073	< 0.00020	0.50	1.468	< 0.0025	< 0.0020	NA	
		5/9/2016	7.7	100	100	0.28	7.77	360	940	< 0.0030	0.0018	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00050	0.11	< 0.00020	0.70	1.85	< 0.0025	< 0.0020	NA	
		6/30/2016	7.9	100	99	0.29	8.26	290	880	< 0.0030	0.0014	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.71	1.94	< 0.0025	< 0.0020	NA	
8/26/2016		7.2	100	120	0.35	7.4																			

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Joliet Station #9, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity	
G47S down-gradient	11/23/2015	4.6	11	160	0.45	9.22	480	700	< 0.0030	0.018	0.018	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.32	0.898	0.0030	< 0.0020	NA	
	5/6/2016	5.0	7.8	140	0.72	9.86	410	910	< 0.0030	0.034	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.033	< 0.00020	0.41	0.736	0.0033	< 0.0020	NA	
	7/1/2016	6.4	8.4	150	0.68	9.32	340	860	< 0.0030	0.022	0.019	< 0.0010	^ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.53	1.01	< 0.0025	< 0.0020	NA	
	8/24/2016	9.3	9.2	140	0.67	9.19	300	830	< 0.0030	0.017	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.41	1.06	< 0.0025	< 0.0020	NA	
	11/16/2016	15	1.3	F1 150	1.8	10.08	620	1700	< 0.0030	0.14	0.0091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	1.4	< 1.38	0.0038	< 0.0020	NA	
	2/15/2017	7.6	4.4	160	1.1	9.26	540	1200	< 0.0030	0.059	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.57	0.716	0.0035	< 0.0020	NA	
	5/23/2017	18	0.93	160	2.2	10.03	720	1800	< 0.0030	0.18	0.0081	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	1.3	< 0.361	0.0025	< 0.0020	NA	
	7/10/2017	18	1.2	150	2.1	10.06	780	1800	< 0.0030	0.17	0.0085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	1.2	0.733	< 0.0025	< 0.0020	NA	
	9/27/2017	18	1.1	150	2.0	10.15	750	1900	< 0.0030	0.21	0.0085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	1.3	0.836	0.0027	< 0.0020	NA	
	11/22/2017	21	1.1	150	2.1	10.56	710	1800	< 0.0030	0.23	0.0090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	1.5	0.692	0.0044	< 0.0020	NA	
	3/8/2018	18	1.1	190	2.1	10.67	780	1900	< 0.0030	0.25	0.0090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	1.4	0.790	0.0042	< 0.0020	NA	
	5/18/2018	3.7	1.1	160	1.7	7.79	570	1800	NA	0.23	0.0087	NA	NA	NA	< 0.0010	< 0.00050	0.015	NA	1.5	1.01	0.0039	NA	NA	
	12/11/2018	13	2.8	140	1.1	10.14	440	1300	NA	0.140	0.011	NA	NA	NA	< 0.0010	< 0.00050	0.023	NA	1.10	0.597	0.0031	NA	NA	
	6/28/2019	13	2.9	130	1.3	9.95	450	1400	NA	0.13	0.012	NA	NA	NA	< 0.0010	< 0.00050	0.028	NA	1.00	0.566	< 0.0025	NA	NA	
	11/7/2019	4.3	15	140	0.55	8.39	410	1100	NA	0.029	0.017	NA	NA	NA	< 0.0010	< 0.00500	0.053	NA	0.38	1.02	< 0.0100	NA	NA	
	6/30/2020	5.2	16	120	0.59	9.04	F1 440	1000	NA	0.037	0.015	NA	NA	NA	< 0.0010	< 0.00500	0.052	NA	0.46	1.240	0.0040	NA	NA	
	12/7/2020	7.6	11	120	1.1	9.13	500	1100	NA	0.066	0.012	NA	NA	NA	< 0.0010	< 0.00050	0.047	NA	0.62	< 0.466	< 0.0030	NA	NA	
	3/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.12
	4/5/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
	4/22/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16
	5/18/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14
	6/8/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.53
	6/24/2021	B 6.1	12	110	0.66	8.68	470	1000	< 0.0030	0.04	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.050	H < 0.00020	0.48	0.871	0.0027	< 0.0020	NA	
	7/1/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30
	8/13/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18
	9/2/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.68
	9/22/2021	6.5	11	100	0.62	8.83	440	910	< 0.0030	0.041	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.053	< 0.00020	0.52	0.764	0.0030	< 0.0020	NA	
	12/16/2021	6.7	11	98	0.65	8.63	440	900	< 0.0030	0.039	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.046	< 0.00020	0.54	1.16	0.0031	< 0.0020	0.59	
	3/16/2022	6.9	40	1200	0.66	8.94	450	96	< 0.0030	0.074	0.021	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.48	2.12	< 0.0025	< 0.0020	0.26	
	6/9/2022	7.3	9.2	96	0.63	8.39	460	1000	< 0.0030	0.038	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.53	0.76	0.0028	< 0.0020	-0.11	
	9/22/2022	10	5.8	100	0.9	9.85	510	1100	< 0.0030	0.064	0.011	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.71	0.903	< 0.0025	< 0.0020	0.35	
	12/21/2022	7.0	7.9	100	F1 1.1	9.50	450	1100	< 0.0030	0.036	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.59	0.864	0.0028	< 0.0020	0.76	
	3/23/2023	6.7	11	100	0.65	9.22	440	1100	< 0.0030	0.22	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.049	< 0.00020	0.52	0.984	0.0025	< 0.0020	1.12	
	6/30/2023	7.7	12	96	0.64	8.30	470	970	< 0.0030	0.038	0.012	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.052	< 0.00058	0.55	1.26	0.0033	< 0.0020	0.76	
	9/7/2023	6.1	9.4	F1 100	0.64	7.77	450	1000	< 0.0080	0.033	0.011	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	0.039	< 0.00020	0.50	1.07	< 0.0050	< 0.0040	0.18	
	12/18/2023	7.1	11	110	0.59	8.52	470	980	< 0.0030	0.038	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	0.55	2.23	< 0.0025	< 0.0020	1.15	
	3/4/2024	5.9	16	100	0.57	8.49	470	1100	^1+ < 0.0030	0.030	0.012	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.053	< 0.00020	0.48	0.792	< 0.0025	< 0.0020	0.74	
	6/20/2024	4.7	14	96	0.55	9.34	440	1100	< 0.0030	0.024	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.38	< 0.492	< 0.0025	< 0.0020	0.48	
	8/28/2024	6.0	14	84	0.46	7.81	450	1100	^1+ < 0.0030	0.027	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.059	< 0.00020	0.48	1.12	< 0.0025	< 0.0020	0.82	
	11/22/2024	5.6	12	100	0.54	8.44	430	1100	< 0.0150	0.026	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.058	< 0.00020	0.48	< 0.652	< 0.0025	< 0.0020	0.77	
	3/26/2025	6.0	11	83	0.57	7.89	440	990	< 0.0030	0.028	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.052	< 0.00020	0.48	0.782	0.0027	< 0.0020	0.38	
	6/16/2025	6.5	11	970	0.55	8.96	460	970	< 0.0030	0.027	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.057	< 0.00020	0.48	1.37	< 0.0025	< 0.0020	0.35	
	G48S down-gradient	11/20/2015	11	6.9	120	1.5	9.08	760	1100	< 0.0030	0.03	0.015	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	1.4	0.8512	< 0.0025	< 0.0020	NA
		5/5/2016	9.3	5.9	120	1.5	9.53	560	1200	< 0.0030	0.046	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	1.2	0.800	< 0.0025	< 0.0020	NA
		7/1/2016	9.5	4.2	110	1.4	9.60	480	1100	< 0.0030	0.038	0.011	< 0.0010	^ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	1.2	1.01	< 0.0025	< 0.0020	NA
8/24/2016		10	5.5	120	1.4	9.31	420	1100	< 0.0030	0.032	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.012	< 0.00020	1.1	1.16	< 0.0025	< 0.0		

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Joliet #9 CCR 2Q25

JOB NUMBER

500-269641-1

Eurofins Chicago

Job Notes

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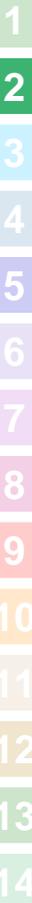


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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Job ID: 500-269641-1

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Job Narrative 500-269641-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/9/2025 2:34 PM, 6/10/2025 3:45 PM, 6/11/2025 3:14 PM, 6/12/2025 3:35 PM, 6/13/2025 3:14 PM, 6/16/2025 3:23 PM, 6/17/2025 3:10 PM, 6/18/2025 1:55 PM and 6/19/2025 12:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9°C, 0.9°C, 1.8°C, 1.8°C, 2.3°C, 2.3°C, 2.5°C and 3.1°C.

Metals

Method 6020B - Total Recoverable: The linear range check (LRC) recovered outside of control limits for Beryllium and Cobalt. Sample results are within the high calibration standard for the affected analytes, therefore data has been qualified and reported.

G31S (500-269641-1) and G33S (500-269641-2)

Method 6020B - Total Recoverable: The linear range check (LRC) recovered outside of control limits for Lithium. Sample results are within the high calibration standard for the affected analyte. Data has been qualified and reported.
G31S (500-269641-1)

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: T05S (500-269641-5). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: T01S (500-269641-22). The reporting limits (RLs) have been adjusted proportionately.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: G30S (500-269641-6), G46S (500-269641-10), R08S (500-269641-12), G48S (500-269641-13), G47S (500-269641-14), T02S (500-269641-18), T08S (500-269641-19) and T12S (500-269641-23). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-822884 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Field Service / Mobile Lab

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

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-269641-1	G31S	Water	06/09/25 11:26	06/09/25 14:34
500-269641-2	G33S	Water	06/09/25 13:04	06/09/25 14:34
500-269641-3	T09S	Water	06/10/25 10:17	06/10/25 15:45
500-269641-4	T06S	Water	06/10/25 12:03	06/10/25 15:45
500-269641-5	T05S	Water	06/10/25 14:11	06/10/25 15:45
500-269641-6	G30S	Water	06/11/25 10:23	06/11/25 15:14
500-269641-7	G20S	Water	06/11/25 12:25	06/11/25 15:14
500-269641-8	G44S	Water	06/12/25 10:44	06/12/25 15:35
500-269641-9	G39S	Water	06/12/25 11:46	06/12/25 15:35
500-269641-10	G46S	Water	06/12/25 13:18	06/12/25 15:35
500-269641-11	G45S	Water	06/12/25 14:25	06/12/25 15:35
500-269641-12	R08S	Water	06/13/25 10:34	06/13/25 15:14
500-269641-13	G48S	Water	06/13/25 12:23	06/13/25 15:14
500-269641-14	G47S	Water	06/16/25 10:10	06/16/25 15:23
500-269641-15	R32S	Water	06/16/25 11:34	06/16/25 15:23
500-269641-16	T03S	Water	06/16/25 13:15	06/16/25 15:23
500-269641-17	T13S	Water	06/16/25 14:10	06/16/25 15:23
500-269641-18	T02S	Water	06/17/25 10:56	06/17/25 15:10
500-269641-19	T08S	Water	06/17/25 13:16	06/17/25 15:10
500-269641-20	T11S	Water	06/18/25 10:38	06/18/25 13:55
500-269641-21	T11S Dup	Water	06/18/25 10:38	06/18/25 13:55
500-269641-22	T01S	Water	06/19/25 10:16	06/19/25 12:57
500-269641-23	T12S	Water	06/19/25 11:51	06/19/25 12:57

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/10/25 08:04	06/10/25 15:03	1
Arsenic	0.0023		0.0010		mg/L		06/10/25 08:04	06/10/25 15:03	1
Barium	0.043		0.0025		mg/L		06/10/25 08:04	06/10/25 15:03	1
Beryllium	<0.0010		0.0010		mg/L		06/10/25 08:04	06/11/25 15:08	1
Boron	3.5		0.050		mg/L		06/10/25 08:04	06/11/25 15:08	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Calcium	140		0.20		mg/L		06/10/25 08:04	06/10/25 15:03	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 15:03	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Lithium	0.083	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 15:08	1
Molybdenum	0.67		0.0050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 15:03	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 15:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			06/13/25 08:23	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			06/10/25 13:45	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			06/17/25 11:10	1
Sulfate (SM 4500 SO4 E)	430		100		mg/L			06/10/25 11:51	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	23.65				ft			06/09/25 11:26	1
Depth to Water (ft from MP)	26.23				ft			06/09/25 11:26	1
Elevation of well (ft from MP)	535.67				ft			06/09/25 11:26	1
Field pH	7.26				SU			06/09/25 11:26	1
Field Temperature	59.9				Degrees F			06/09/25 11:26	1
Ground Water Elevation	509.44				ft			06/09/25 11:26	1
Specific Conductance	1547				umhos/cm			06/09/25 11:26	1
Well bottom elevation	453.36				ft			06/09/25 11:26	1
Field Turbidity	0.45				NTU			06/09/25 11:26	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/10/25 08:04	06/10/25 15:05	1
Arsenic	<0.0010		0.0010		mg/L		06/10/25 08:04	06/10/25 15:05	1
Barium	0.044		0.0025		mg/L		06/10/25 08:04	06/10/25 15:05	1
Beryllium	<0.0010		0.0010		mg/L		06/10/25 08:04	06/11/25 15:11	1
Boron	0.89		0.050		mg/L		06/10/25 08:04	06/11/25 15:11	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Calcium	74		0.20		mg/L		06/10/25 08:04	06/10/25 15:05	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 15:05	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Lithium	0.032	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 15:11	1
Molybdenum	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 15:05	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 15:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			06/13/25 08:31	1
Chloride (SM 4500 Cl- E)	12		2.0		mg/L			06/10/25 13:29	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			06/17/25 11:14	1
Sulfate (SM 4500 SO4 E)	94		25		mg/L			06/10/25 11:52	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	32.39				ft			06/09/25 13:04	1
Depth to Water (ft from MP)	34.12				ft			06/09/25 13:04	1
Elevation of well (ft from MP)	535.67				ft			06/09/25 13:04	1
Field pH	7.22				SU			06/09/25 13:04	1
Field Temperature	62.1				Degrees F			06/09/25 13:04	1
Ground Water Elevation	501.55				ft			06/09/25 13:04	1
Specific Conductance	822				umhos/cm			06/09/25 13:04	1
Well bottom elevation	452.72				ft			06/09/25 13:04	1
Field Turbidity	7.14				NTU			06/09/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:21	1
Arsenic	0.0041		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Barium	0.063		0.0025		mg/L		06/11/25 07:54	06/12/25 15:21	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Boron	4.1		0.050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Calcium	130		0.20		mg/L		06/11/25 07:54	06/12/25 15:21	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Cobalt	0.0012		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Lead	0.00095		0.00050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Lithium	0.096		0.010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Molybdenum	0.55		0.0050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 15:21	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	780		10		mg/L			06/13/25 08:36	1
Chloride (SM 4500 Cl- E)	59		4.0		mg/L			06/12/25 11:58	2
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			06/17/25 11:18	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			06/12/25 14:38	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	96.24				ft			06/10/25 10:17	1
Depth to Water (ft from MP)	98.64				ft			06/10/25 10:17	1
Elevation of well (ft from MP)	603.49				ft			06/10/25 10:17	1
Field pH	7.31				SU			06/10/25 10:17	1
Field Temperature	59.2				Degrees F			06/10/25 10:17	1
Ground Water Elevation	504.85				ft			06/10/25 10:17	1
Specific Conductance	1196				umhos/cm			06/10/25 10:17	1
Well bottom elevation	444.80				ft			06/10/25 10:17	1
Field Turbidity	187.00				NTU			06/10/25 10:17	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:23	1
Arsenic	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Barium	0.034		0.0025		mg/L		06/11/25 07:54	06/12/25 15:23	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Boron	0.83		0.050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Calcium	86		0.20		mg/L		06/11/25 07:54	06/12/25 15:23	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Lithium	0.024		0.010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Molybdenum	0.0070		0.0050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 15:23	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	430		10		mg/L			06/13/25 08:39	1
Chloride (SM 4500 Cl- E)	18		2.0		mg/L			06/12/25 11:31	1
Fluoride (SM 4500 F C)	0.42		0.10		mg/L			06/17/25 11:21	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			06/12/25 14:39	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	113.18				ft			06/10/25 12:03	1
Depth to Water (ft from MP)	115.48				ft			06/10/25 12:03	1
Elevation of well (ft from MP)	621.05				ft			06/10/25 12:03	1
Field pH	7.14				SU			06/10/25 12:03	1
Field Temperature	67.1				Degrees F			06/10/25 12:03	1
Ground Water Elevation	505.57				ft			06/10/25 12:03	1
Specific Conductance	789				umhos/cm			06/10/25 12:03	1
Well bottom elevation	447.94				ft			06/10/25 12:03	1
Field Turbidity	1.40				NTU			06/10/25 12:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:26	1
Arsenic	0.13		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Barium	0.0085		0.0025		mg/L		06/11/25 07:54	06/12/25 15:26	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Boron	13		0.50		mg/L		06/11/25 07:54	06/12/25 15:47	10
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Calcium	1.8		0.20		mg/L		06/11/25 07:54	06/12/25 15:26	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Lithium	0.025		0.010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Molybdenum	1.0		0.0050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Selenium	0.0045		0.0025		mg/L		06/11/25 07:54	06/12/25 15:26	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			06/13/25 08:41	1
Chloride (SM 4500 Cl- E)	120	F1	10		mg/L			06/12/25 11:58	5
Fluoride (SM 4500 F C)	1.7		0.10		mg/L			06/17/25 11:24	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			06/12/25 14:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	122.56				ft			06/10/25 14:11	1
Depth to Water (ft from MP)	124.96				ft			06/10/25 14:11	1
Elevation of well (ft from MP)	623.41				ft			06/10/25 14:11	1
Field pH	10.29				SU			06/10/25 14:11	1
Field Temperature	62.6				Degrees F			06/10/25 14:11	1
Ground Water Elevation	498.45				ft			06/10/25 14:11	1
Specific Conductance	2372				umhos/cm			06/10/25 14:11	1
Well bottom elevation	448.35				ft			06/10/25 14:11	1
Field Turbidity	1.70				NTU			06/10/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 14:52	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Barium	0.051		0.0025		mg/L		06/19/25 14:12	06/20/25 14:52	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Boron	5.0		0.25		mg/L		06/19/25 14:12	06/23/25 15:06	5
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Calcium	66		0.20		mg/L		06/19/25 14:12	06/20/25 14:52	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Lithium	0.026		0.010		mg/L		06/19/25 14:12	06/24/25 12:51	1
Molybdenum	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:52	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 14:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			06/13/25 08:44	1
Chloride (SM 4500 Cl- E)	220		10		mg/L			06/12/25 13:22	5
Fluoride (SM 4500 F C)	0.86		0.10		mg/L			06/17/25 11:28	1
Sulfate (SM 4500 SO4 E)	530		100		mg/L			06/12/25 14:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.50				ft			06/11/25 10:23	1
Depth to Water (ft from MP)	1.81				ft			06/11/25 10:23	1
Elevation of well (ft from MP)	524.78				ft			06/11/25 10:23	1
Field pH	7.89				SU			06/11/25 10:23	1
Field Temperature	59.7				Degrees F			06/11/25 10:23	1
Ground Water Elevation	522.97				ft			06/11/25 10:23	1
Specific Conductance	2030				umhos/cm			06/11/25 10:23	1
Well bottom elevation	462.58				ft			06/11/25 10:23	1
Field Turbidity	0.67				NTU			06/11/25 10:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:21	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Barium	0.052		0.0025		mg/L		06/19/25 14:12	06/20/25 15:21	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Boron	1.3		0.050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Calcium	58		0.20		mg/L		06/19/25 14:12	06/20/25 15:21	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Lithium	0.045		0.010		mg/L		06/19/25 14:12	06/23/25 11:47	1
Molybdenum	0.018		0.0050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:21	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			06/13/25 08:47	1
Chloride (SM 4500 Cl- E)	17		2.0		mg/L			06/12/25 13:08	1
Fluoride (SM 4500 F C)	0.76		0.10		mg/L			06/17/25 11:31	1
Sulfate (SM 4500 SO4 E)	64		10		mg/L			06/12/25 14:40	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	68.16				ft			06/11/25 12:25	1
Depth to Water (ft from MP)	70.94				ft			06/11/25 12:25	1
Elevation of well (ft from MP)	580.79				ft			06/11/25 12:25	1
Field pH	7.51				SU			06/11/25 12:25	1
Field Temperature	77.2				Degrees F			06/11/25 12:25	1
Ground Water Elevation	509.85				ft			06/11/25 12:25	1
Specific Conductance	671				umhos/cm			06/11/25 12:25	1
Well bottom elevation	442.28				ft			06/11/25 12:25	1
Field Turbidity	0.27				NTU			06/11/25 12:25	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:24	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Barium	0.070		0.0025		mg/L		06/19/25 14:12	06/20/25 15:24	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Boron	1.8		0.050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Calcium	130		0.20		mg/L		06/19/25 14:12	06/20/25 15:24	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Lithium	0.028		0.010		mg/L		06/19/25 14:12	06/23/25 11:50	1
Molybdenum	0.21		0.0050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:24	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			06/18/25 23:52	1
Chloride (SM 4500 Cl- E)	59		4.0		mg/L			06/17/25 12:47	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			06/17/25 11:34	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:24	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	77.17				ft			06/12/25 10:44	1
Depth to Water (ft from MP)	79.35				ft			06/12/25 10:44	1
Elevation of well (ft from MP)	586.62				ft			06/12/25 10:44	1
Field pH	7.00				SU			06/12/25 10:44	1
Field Temperature	58.3				Degrees F			06/12/25 10:44	1
Ground Water Elevation	507.27				ft			06/12/25 10:44	1
Specific Conductance	1196				umhos/cm			06/12/25 10:44	1
Well bottom elevation	455.11				ft			06/12/25 10:44	1
Field Turbidity	9.64				NTU			06/12/25 10:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:26	1
Arsenic	0.0011		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Barium	0.033		0.0025		mg/L		06/19/25 14:12	06/20/25 15:26	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Boron	0.31		0.050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Calcium	84		0.20		mg/L		06/19/25 14:12	06/20/25 15:26	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Lead	0.00089		0.00050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Lithium	0.013		0.010		mg/L		06/19/25 14:12	06/23/25 11:52	1
Molybdenum	0.0058		0.0050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:26	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	540		10		mg/L			06/19/25 00:00	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/17/25 12:03	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			06/17/25 11:45	1
Sulfate (SM 4500 SO4 E)	100		25		mg/L			06/17/25 15:25	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	90.32				ft			06/12/25 11:46	1
Depth to Water (ft from MP)	92.40				ft			06/12/25 11:46	1
Elevation of well (ft from MP)	598.74				ft			06/12/25 11:46	1
Field pH	7.20				SU			06/12/25 11:46	1
Field Temperature	58.3				Degrees F			06/12/25 11:46	1
Ground Water Elevation	506.34				ft			06/12/25 11:46	1
Specific Conductance	763				umhos/cm			06/12/25 11:46	1
Well bottom elevation	454.15				ft			06/12/25 11:46	1
Field Turbidity	11.70				NTU			06/12/25 11:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:29	1
Arsenic	0.39		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Barium	0.097		0.0025		mg/L		06/19/25 14:12	06/20/25 15:29	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Boron	10		0.50		mg/L		06/19/25 14:12	06/23/25 15:20	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Calcium	130		0.20		mg/L		06/19/25 14:12	06/20/25 15:29	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Lithium	0.22		0.010		mg/L		06/19/25 14:12	06/23/25 16:10	1
Molybdenum	1.1		0.0050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:29	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	950		10		mg/L			06/19/25 00:05	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			06/17/25 12:47	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/17/25 11:49	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			06/17/25 16:26	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.59				ft			06/12/25 13:18	1
Depth to Water (ft from MP)	95.29				ft			06/12/25 13:18	1
Elevation of well (ft from MP)	601.32				ft			06/12/25 13:18	1
Field pH	8.02				SU			06/12/25 13:18	1
Field Temperature	60.8				Degrees F			06/12/25 13:18	1
Ground Water Elevation	506.03				ft			06/12/25 13:18	1
Specific Conductance	1394				umhos/cm			06/12/25 13:18	1
Well bottom elevation	453.62				ft			06/12/25 13:18	1
Field Turbidity	134.00				NTU			06/12/25 13:18	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:36	1
Arsenic	0.0081		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Barium	0.038		0.0025		mg/L		06/19/25 14:12	06/20/25 15:36	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Boron	0.45		0.050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Calcium	87		0.20		mg/L		06/19/25 14:12	06/20/25 15:36	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Lithium	0.028		0.010		mg/L		06/19/25 14:12	06/23/25 16:17	1
Molybdenum	0.012		0.0050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:36	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			06/19/25 00:08	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			06/17/25 13:21	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			06/17/25 11:53	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			06/17/25 15:25	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	61.00				ft			06/12/25 14:25	1
Depth to Water (ft from MP)	63.97				ft			06/12/25 14:25	1
Elevation of well (ft from MP)	603.81				ft			06/12/25 14:25	1
Field pH	7.26				SU			06/12/25 14:25	1
Field Temperature	59.9				Degrees F			06/12/25 14:25	1
Ground Water Elevation	539.84				ft			06/12/25 14:25	1
Specific Conductance	1098				umhos/cm			06/12/25 14:25	1
Well bottom elevation	471.05				ft			06/12/25 14:25	1
Field Turbidity	0.78				NTU			06/12/25 14:25	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:44	1
Arsenic	0.0018		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Barium	0.046		0.0025		mg/L		06/19/25 14:12	06/20/25 15:44	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Boron	8.6		0.50		mg/L		06/19/25 14:12	06/23/25 15:22	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Calcium	140		0.20		mg/L		06/19/25 14:12	06/20/25 15:44	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Lithium	0.14		0.010		mg/L		06/19/25 14:12	06/23/25 16:19	1
Molybdenum	0.30		0.0050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Selenium	0.0026		0.0025		mg/L		06/19/25 14:12	06/20/25 15:44	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			06/19/25 00:10	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			06/17/25 12:48	2
Fluoride (SM 4500 F C)	0.10		0.10		mg/L			06/17/25 11:56	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			06/17/25 15:26	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	63.76				ft			06/13/25 10:34	1
Depth to Water (ft from MP)	66.31				ft			06/13/25 10:34	1
Elevation of well (ft from MP)	578.64				ft			06/13/25 10:34	1
Field pH	8.18				SU			06/13/25 10:34	1
Field Temperature	57.2				Degrees F			06/13/25 10:34	1
Ground Water Elevation	512.33				ft			06/13/25 10:34	1
Specific Conductance	1132				umhos/cm			06/13/25 10:34	1
Well bottom elevation	453.08				ft			06/13/25 10:34	1
Field Turbidity	0.63				NTU			06/13/25 10:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:51	1
Arsenic	0.010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Barium	0.023		0.0025		mg/L		06/19/25 14:12	06/20/25 15:51	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Boron	6.4		0.50		mg/L		06/19/25 14:12	06/23/25 15:25	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Calcium	36		0.20		mg/L		06/19/25 14:12	06/20/25 15:51	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Lithium	0.025		0.010		mg/L		06/19/25 14:12	06/23/25 16:27	1
Molybdenum	0.52		0.0050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:51	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	920		10		mg/L			06/19/25 00:13	1
Chloride (SM 4500 Cl- E)	98		10		mg/L			06/17/25 12:48	5
Fluoride (SM 4500 F C)	0.98		0.10		mg/L			06/17/25 12:09	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			06/17/25 15:26	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	102.34				ft			06/13/25 12:23	1
Depth to Water (ft from MP)	104.79				ft			06/13/25 12:23	1
Elevation of well (ft from MP)	620.73				ft			06/13/25 12:23	1
Field pH	8.18				SU			06/13/25 12:23	1
Field Temperature	60.3				Degrees F			06/13/25 12:23	1
Ground Water Elevation	515.94				ft			06/13/25 12:23	1
Specific Conductance	1545				umhos/cm			06/13/25 12:23	1
Well bottom elevation	468.32				ft			06/13/25 12:23	1
Field Turbidity	0.71				NTU			06/13/25 12:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:58	1
Arsenic	0.027		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Barium	0.013		0.0025		mg/L		06/19/25 14:12	06/20/25 15:58	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Boron	6.5		0.50		mg/L		06/19/25 14:12	06/23/25 15:27	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Calcium	11		0.20		mg/L		06/19/25 14:12	06/20/25 15:58	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Lithium	0.057		0.010		mg/L		06/19/25 14:12	06/23/25 16:34	1
Molybdenum	0.48		0.0050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:58	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	970		10		mg/L			06/20/25 05:55	1
Chloride (SM 4500 Cl- E)	91		10		mg/L			06/17/25 12:48	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			06/17/25 12:11	1
Sulfate (SM 4500 SO4 E)	460		50		mg/L			06/17/25 15:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	91.70				ft			06/16/25 10:10	1
Depth to Water (ft from MP)	94.20				ft			06/16/25 10:10	1
Elevation of well (ft from MP)	612.16				ft			06/16/25 10:10	1
Field pH	8.96				SU			06/16/25 10:10	1
Field Temperature	62.2				Degrees F			06/16/25 10:10	1
Ground Water Elevation	517.96				ft			06/16/25 10:10	1
Specific Conductance	1566				umhos/cm			06/16/25 10:10	1
Well bottom elevation	459.84				ft			06/16/25 10:10	1
Field Turbidity	0.35				NTU			06/16/25 10:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 16:06	1
Arsenic	0.0011		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Barium	0.030		0.0025		mg/L		06/19/25 14:12	06/20/25 16:06	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Boron	2.3		0.050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Calcium	100		0.20		mg/L		06/19/25 14:12	06/20/25 16:06	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Lithium	0.064		0.010		mg/L		06/19/25 14:12	06/23/25 16:41	1
Molybdenum	0.28		0.0050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:06	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	770		10		mg/L			06/20/25 06:02	1
Chloride (SM 4500 Cl- E)	41		2.0		mg/L			06/17/25 12:04	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/17/25 12:14	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			06/17/25 15:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	16.86				ft			06/16/25 11:34	1
Depth to Water (ft from MP)	18.89				ft			06/16/25 11:34	1
Elevation of well (ft from MP)	537.04				ft			06/16/25 11:34	1
Field pH	7.23				SU			06/16/25 11:34	1
Field Temperature	55.9				Degrees F			06/16/25 11:34	1
Ground Water Elevation	518.15				ft			06/16/25 11:34	1
Specific Conductance	884				umhos/cm			06/16/25 11:34	1
Well bottom elevation	457.84				ft			06/16/25 11:34	1
Field Turbidity	0.83				NTU			06/16/25 11:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 16:08	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Barium	0.055		0.0025		mg/L		06/19/25 14:12	06/20/25 16:08	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Boron	0.44		0.050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Calcium	110		0.20		mg/L		06/19/25 14:12	06/20/25 16:08	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Lithium	0.023		0.010		mg/L		06/19/25 14:12	06/23/25 16:44	1
Molybdenum	0.022		0.0050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:08	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	800		10		mg/L			06/20/25 06:08	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			06/17/25 12:49	5
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/17/25 12:18	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:27	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.77				ft			06/16/25 13:15	1
Depth to Water (ft from MP)	138.85				ft			06/16/25 13:15	1
Elevation of well (ft from MP)	629.73				ft			06/16/25 13:15	1
Field pH	7.07				SU			06/16/25 13:15	1
Field Temperature	56.7				Degrees F			06/16/25 13:15	1
Ground Water Elevation	490.88				ft			06/16/25 13:15	1
Specific Conductance	1127				umhos/cm			06/16/25 13:15	1
Well bottom elevation	456.70				ft			06/16/25 13:15	1
Field Turbidity	0.38				NTU			06/16/25 13:15	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 16:11	1
Arsenic	0.0021		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Barium	0.053		0.0025		mg/L		06/19/25 14:12	06/20/25 16:11	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Boron	0.54		0.050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Calcium	93		0.20		mg/L		06/19/25 14:12	06/20/25 16:11	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Lithium	0.025		0.010		mg/L		06/19/25 14:12	06/23/25 16:46	1
Molybdenum	0.019		0.0050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:11	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	620		10		mg/L			06/20/25 06:10	1
Chloride (SM 4500 Cl- E)	41		2.0		mg/L			06/17/25 12:05	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			06/23/25 10:35	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:28	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	17.46				ft			06/16/25 14:10	1
Depth to Water (ft from MP)	20.2				ft			06/16/25 14:10	1
Elevation of well (ft from MP)	525.33				ft			06/16/25 14:10	1
Field pH	7.31				SU			06/16/25 14:10	1
Field Temperature	61.5				Degrees F			06/16/25 14:10	1
Ground Water Elevation	505.11				ft			06/16/25 14:10	1
Specific Conductance	999				umhos/cm			06/16/25 14:10	1
Well bottom elevation	452.21				ft			06/16/25 14:10	1
Field Turbidity	4.37				NTU			06/16/25 14:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 13:44	1
Arsenic	0.0044		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Barium	0.098		0.0025		mg/L		06/20/25 14:16	06/23/25 13:44	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Boron	3.5		0.25		mg/L		06/20/25 14:16	06/23/25 15:39	5
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Calcium	88		0.20		mg/L		06/20/25 14:16	06/23/25 13:44	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Cobalt	0.0020		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Lead	0.0019		0.00050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Lithium	0.038		0.010		mg/L		06/20/25 14:16	06/24/25 12:12	1
Molybdenum	0.31		0.0050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:44	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 13:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	940		10		mg/L			06/20/25 06:13	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			06/22/25 12:12	5
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			06/23/25 10:38	1
Sulfate (SM 4500 SO4 E)	320		50		mg/L			06/23/25 10:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	132.87				ft			06/17/25 10:56	1
Depth to Water (ft from MP)	135.20				ft			06/17/25 10:56	1
Elevation of well (ft from MP)	626.14				ft			06/17/25 10:56	1
Field pH	7.22				SU			06/17/25 10:56	1
Field Temperature	75.7				Degrees F			06/17/25 10:56	1
Ground Water Elevation	490.94				ft			06/17/25 10:56	1
Specific Conductance	1345				umhos/cm			06/17/25 10:56	1
Well bottom elevation	453.40				ft			06/17/25 10:56	1
Field Turbidity	169.00				NTU			06/17/25 10:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0034		0.0030		mg/L		06/20/25 14:16	06/23/25 14:06	1
Arsenic	0.013		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Barium	0.052		0.0025		mg/L		06/20/25 14:16	06/23/25 14:06	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Boron	8.2		0.50		mg/L		06/20/25 14:16	06/23/25 15:52	10
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Calcium	33		0.20		mg/L		06/20/25 14:16	06/23/25 14:06	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Cobalt	0.0014		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Lead	0.0015		0.00050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Lithium	0.056		0.010		mg/L		06/20/25 14:16	06/24/25 12:31	1
Molybdenum	0.81		0.0050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:06	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			06/20/25 06:15	1
Chloride (SM 4500 Cl- E)	76		4.0		mg/L			06/22/25 12:13	2
Fluoride (SM 4500 F C)	0.67		0.10		mg/L			06/23/25 10:50	1
Sulfate (SM 4500 SO4 E)	500		100		mg/L			06/23/25 10:27	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	127.32				ft			06/17/25 13:16	1
Depth to Water (ft from MP)	129.70				ft			06/17/25 13:16	1
Elevation of well (ft from MP)	627.43				ft			06/17/25 13:16	1
Field pH	8.16				SU			06/17/25 13:16	1
Field Temperature	84.4				Degrees F			06/17/25 13:16	1
Ground Water Elevation	497.73				ft			06/17/25 13:16	1
Specific Conductance	1375				umhos/cm			06/17/25 13:16	1
Well bottom elevation	447.38				ft			06/17/25 13:16	1
Field Turbidity	9.22				NTU			06/17/25 13:16	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 14:16	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Barium	0.040		0.0025		mg/L		06/20/25 14:16	06/23/25 14:16	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Boron	0.21		0.050		mg/L		06/20/25 14:16	06/23/25 15:55	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Calcium	110		0.20		mg/L		06/20/25 14:16	06/23/25 14:16	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Lithium	0.019		0.010		mg/L		06/20/25 14:16	06/23/25 15:55	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:16	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			06/20/25 06:18	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/22/25 11:56	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/23/25 10:53	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			06/23/25 10:07	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.36				ft			06/18/25 10:38	1
Depth to Water (ft from MP)	75.10				ft			06/18/25 10:38	1
Elevation of well (ft from MP)	559.40				ft			06/18/25 10:38	1
Field pH	7.25				SU			06/18/25 10:38	1
Field Temperature	72.0				Degrees F			06/18/25 10:38	1
Ground Water Elevation	484.30				ft			06/18/25 10:38	1
Specific Conductance	928				umhos/cm			06/18/25 10:38	1
Well bottom elevation	445.60				ft			06/18/25 10:38	1
Field Turbidity	40.70				NTU			06/18/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 14:18	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Barium	0.041		0.0025		mg/L		06/20/25 14:16	06/23/25 14:18	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Boron	0.21		0.050		mg/L		06/20/25 14:16	06/23/25 15:57	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Calcium	110		0.20		mg/L		06/20/25 14:16	06/23/25 14:18	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Lithium	0.020		0.010		mg/L		06/20/25 14:16	06/23/25 15:57	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:18	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			06/20/25 06:21	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/22/25 11:55	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/23/25 10:56	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			06/23/25 10:07	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.36				ft			06/18/25 10:38	1
Depth to Water (ft from MP)	75.10				ft			06/18/25 10:38	1
Elevation of well (ft from MP)	559.40				ft			06/18/25 10:38	1
Field pH	7.25				SU			06/18/25 10:38	1
Field Temperature	72.0				Degrees F			06/18/25 10:38	1
Ground Water Elevation	484.30				ft			06/18/25 10:38	1
Specific Conductance	928				umhos/cm			06/18/25 10:38	1
Well bottom elevation	445.60				ft			06/18/25 10:38	1
Field Turbidity	40.70				NTU			06/18/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		06/20/25 14:16	06/23/25 14:32	1
Arsenic	0.013		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Barium	0.086		0.0083		mg/L		06/20/25 14:16	06/23/25 14:32	1
Beryllium	<0.0033		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Boron	3.8		0.17		mg/L		06/20/25 14:16	06/23/25 16:05	1
Cadmium	<0.0017		0.0017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Calcium	58		0.67		mg/L		06/20/25 14:16	06/23/25 14:32	1
Chromium	<0.017		0.017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Cobalt	0.010		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Lead	0.0074		0.0017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Lithium	<0.033		0.033		mg/L		06/20/25 14:16	06/23/25 16:05	1
Molybdenum	0.24		0.017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Selenium	<0.0083		0.0083		mg/L		06/20/25 14:16	06/23/25 14:32	1
Thallium	<0.0067		0.0067		mg/L		06/20/25 14:16	06/23/25 14:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			06/20/25 06:23	1
Chloride (SM 4500 Cl- E)	95		10		mg/L			06/22/25 12:13	5
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			06/23/25 11:00	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			06/23/25 10:08	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.71				ft			06/19/25 10:16	1
Depth to Water (ft from MP)	126.19				ft			06/19/25 10:16	1
Elevation of well (ft from MP)	621.83				ft			06/19/25 10:16	1
Field pH	7.84				SU			06/19/25 10:16	1
Field Temperature	68.2				Degrees F			06/19/25 10:16	1
Ground Water Elevation	495.64				ft			06/19/25 10:16	1
Specific Conductance	1443				umhos/cm			06/19/25 10:16	1
Well bottom elevation	451.46				ft			06/19/25 10:16	1
Field Turbidity	324.00				NTU			06/19/25 10:16	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 14:34	1
Arsenic	0.015		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Barium	0.065		0.0025		mg/L		06/20/25 14:16	06/23/25 14:34	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Boron	6.8		0.50		mg/L		06/20/25 14:16	06/23/25 16:07	10
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Calcium	140		0.20		mg/L		06/20/25 14:16	06/23/25 14:34	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Lithium	0.17		0.010		mg/L		06/20/25 14:16	06/24/25 12:41	1
Molybdenum	0.92		0.0050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:34	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			06/20/25 06:26	1
Chloride (SM 4500 Cl- E)	66		4.0		mg/L			06/22/25 12:13	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/23/25 11:02	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			06/23/25 10:08	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	70.84				ft			06/19/25 11:51	1
Depth to Water (ft from MP)	73.58				ft			06/19/25 11:51	1
Elevation of well (ft from MP)	578.73				ft			06/19/25 11:51	1
Field pH	7.62				SU			06/19/25 11:51	1
Field Temperature	57.9				Degrees F			06/19/25 11:51	1
Ground Water Elevation	505.15				ft			06/19/25 11:51	1
Specific Conductance	1387				umhos/cm			06/19/25 11:51	1
Well bottom elevation	452.24				ft			06/19/25 11:51	1
Field Turbidity	49.50				NTU			06/19/25 11:51	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Qualifiers

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals

Prep Batch: 820931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	3005A	
500-269641-2	G33S	Total Recoverable	Water	3005A	
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 821088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total Recoverable	Water	3005A	
500-269641-4	T06S	Total Recoverable	Water	3005A	
500-269641-5	T05S	Total Recoverable	Water	3005A	
MB 500-821088/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-821088/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 821113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	6020B	820931
500-269641-2	G33S	Total Recoverable	Water	6020B	820931
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	6020B	820931
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	6020B	820931

Analysis Batch: 821360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	6020B	820931
500-269641-2	G33S	Total Recoverable	Water	6020B	820931
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	6020B	820931
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	6020B	820931

Analysis Batch: 821548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total Recoverable	Water	6020B	821088
500-269641-4	T06S	Total Recoverable	Water	6020B	821088
500-269641-5	T05S	Total Recoverable	Water	6020B	821088
500-269641-5	T05S	Total Recoverable	Water	6020B	821088
MB 500-821088/1-A	Method Blank	Total Recoverable	Water	6020B	821088
LCS 500-821088/2-A	Lab Control Sample	Total Recoverable	Water	6020B	821088

Prep Batch: 822044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	7470A	
500-269641-2	G33S	Total/NA	Water	7470A	
500-269641-3	T09S	Total/NA	Water	7470A	
500-269641-4	T06S	Total/NA	Water	7470A	
500-269641-5	T05S	Total/NA	Water	7470A	
500-269641-6	G30S	Total/NA	Water	7470A	
500-269641-7	G20S	Total/NA	Water	7470A	
MB 500-822044/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822044/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-269641-4 MS	T06S	Total/NA	Water	7470A	
500-269641-4 MSD	T06S	Total/NA	Water	7470A	
500-269641-4 DU	T06S	Total/NA	Water	7470A	

QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals

Analysis Batch: 822206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	7470A	822044
500-269641-2	G33S	Total/NA	Water	7470A	822044
500-269641-3	T09S	Total/NA	Water	7470A	822044
500-269641-4	T06S	Total/NA	Water	7470A	822044
500-269641-5	T05S	Total/NA	Water	7470A	822044
500-269641-6	G30S	Total/NA	Water	7470A	822044
500-269641-7	G20S	Total/NA	Water	7470A	822044
MB 500-822044/12-A	Method Blank	Total/NA	Water	7470A	822044
LCS 500-822044/13-A	Lab Control Sample	Total/NA	Water	7470A	822044
500-269641-4 MS	T06S	Total/NA	Water	7470A	822044
500-269641-4 MSD	T06S	Total/NA	Water	7470A	822044
500-269641-4 DU	T06S	Total/NA	Water	7470A	822044

Prep Batch: 822436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	7470A	
500-269641-9	G39S	Total/NA	Water	7470A	
500-269641-10	G46S	Total/NA	Water	7470A	
500-269641-11	G45S	Total/NA	Water	7470A	
500-269641-12	R08S	Total/NA	Water	7470A	
500-269641-13	G48S	Total/NA	Water	7470A	
500-269641-14	G47S	Total/NA	Water	7470A	
500-269641-15	R32S	Total/NA	Water	7470A	
500-269641-16	T03S	Total/NA	Water	7470A	
500-269641-17	T13S	Total/NA	Water	7470A	
MB 500-822436/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822436/25-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 822439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	7470A	
500-269641-19	T08S	Total/NA	Water	7470A	
500-269641-20	T11S	Total/NA	Water	7470A	
500-269641-21	T11S Dup	Total/NA	Water	7470A	
MB 500-822439/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822439/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 822491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	3005A	
500-269641-7	G20S	Total Recoverable	Water	3005A	
500-269641-8	G44S	Total Recoverable	Water	3005A	
500-269641-9	G39S	Total Recoverable	Water	3005A	
500-269641-10	G46S	Total Recoverable	Water	3005A	
500-269641-11	G45S	Total Recoverable	Water	3005A	
500-269641-12	R08S	Total Recoverable	Water	3005A	
500-269641-13	G48S	Total Recoverable	Water	3005A	
500-269641-14	G47S	Total Recoverable	Water	3005A	
500-269641-15	R32S	Total Recoverable	Water	3005A	
500-269641-16	T03S	Total Recoverable	Water	3005A	
500-269641-17	T13S	Total Recoverable	Water	3005A	

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Prep Batch: 822491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-269641-6 MS	G30S	Total Recoverable	Water	3005A	
500-269641-6 MSD	G30S	Total Recoverable	Water	3005A	
500-269641-6 DU	G30S	Total Recoverable	Water	3005A	

Analysis Batch: 822643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	7470A	822436
500-269641-9	G39S	Total/NA	Water	7470A	822436
500-269641-10	G46S	Total/NA	Water	7470A	822436
500-269641-11	G45S	Total/NA	Water	7470A	822436
500-269641-12	R08S	Total/NA	Water	7470A	822436
500-269641-13	G48S	Total/NA	Water	7470A	822436
500-269641-14	G47S	Total/NA	Water	7470A	822436
500-269641-15	R32S	Total/NA	Water	7470A	822436
500-269641-16	T03S	Total/NA	Water	7470A	822436
500-269641-17	T13S	Total/NA	Water	7470A	822436
500-269641-18	T02S	Total/NA	Water	7470A	822439
500-269641-19	T08S	Total/NA	Water	7470A	822439
500-269641-20	T11S	Total/NA	Water	7470A	822439
500-269641-21	T11S Dup	Total/NA	Water	7470A	822439
MB 500-822436/12-A	Method Blank	Total/NA	Water	7470A	822436
MB 500-822439/12-A	Method Blank	Total/NA	Water	7470A	822439
LCS 500-822436/25-A	Lab Control Sample	Total/NA	Water	7470A	822436
LCS 500-822439/13-A	Lab Control Sample	Total/NA	Water	7470A	822439

Prep Batch: 822661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total Recoverable	Water	3005A	
500-269641-19	T08S	Total Recoverable	Water	3005A	
500-269641-20	T11S	Total Recoverable	Water	3005A	
500-269641-21	T11S Dup	Total Recoverable	Water	3005A	
500-269641-22	T01S	Total Recoverable	Water	3005A	
500-269641-23	T12S	Total Recoverable	Water	3005A	
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-269641-18 MS	T02S	Total Recoverable	Water	3005A	
500-269641-18 MSD	T02S	Total Recoverable	Water	3005A	
500-269641-18 DU	T02S	Total Recoverable	Water	3005A	
500-269641-A-18-C DU ^5	500-269641-A-18-C DU ^5	Total Recoverable	Water	3005A	

Analysis Batch: 822832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-7	G20S	Total Recoverable	Water	6020B	822491
500-269641-8	G44S	Total Recoverable	Water	6020B	822491
500-269641-9	G39S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-11	G45S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Analysis Batch: 822832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-15	R32S	Total Recoverable	Water	6020B	822491
500-269641-16	T03S	Total Recoverable	Water	6020B	822491
500-269641-17	T13S	Total Recoverable	Water	6020B	822491
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	6020B	822491
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822491
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491

Prep Batch: 822895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-22	T01S	Total/NA	Water	7470A	
500-269641-23	T12S	Total/NA	Water	7470A	
MB 500-822895/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822895/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 822970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-7	G20S	Total Recoverable	Water	6020B	822491
500-269641-8	G44S	Total Recoverable	Water	6020B	822491
500-269641-9	G39S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-20	T11S	Total Recoverable	Water	6020B	822661
500-269641-21	T11S Dup	Total Recoverable	Water	6020B	822661
500-269641-22	T01S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	6020B	822491
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	6020B	822661
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822491
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822661
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 DU	T02S	Total Recoverable	Water	6020B	822661

Analysis Batch: 823053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-11	G45S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-15	R32S	Total Recoverable	Water	6020B	822491
500-269641-16	T03S	Total Recoverable	Water	6020B	822491

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Analysis Batch: 823053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-17	T13S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-20	T11S	Total Recoverable	Water	6020B	822661
500-269641-21	T11S Dup	Total Recoverable	Water	6020B	822661
500-269641-22	T01S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	6020B	822661
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822661
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491
500-269641-A-18-C DU ^5	500-269641-A-18-C DU ^5	Total Recoverable	Water	6020B	822661

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-22	T01S	Total/NA	Water	7470A	822895
500-269641-23	T12S	Total/NA	Water	7470A	822895
MB 500-822895/12-A	Method Blank	Total/NA	Water	7470A	822895
LCS 500-822895/13-A	Lab Control Sample	Total/NA	Water	7470A	822895

Analysis Batch: 823158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 DU	T02S	Total Recoverable	Water	6020B	822661

General Chemistry

Analysis Batch: 821023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 SO4 E	
500-269641-2	G33S	Total/NA	Water	SM 4500 SO4 E	
MB 500-821023/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-821023/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-269641-2 MS	G33S	Total/NA	Water	SM 4500 SO4 E	
500-269641-2 MSD	G33S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 821059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 CI- E	
500-269641-2	G33S	Total/NA	Water	SM 4500 CI- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 821059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-821059/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-821059/31	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-821059/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-821059/32	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-269641-2 MS	G33S	Total/NA	Water	SM 4500 CI- E	
500-269641-2 MSD	G33S	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 821454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total/NA	Water	SM 4500 CI- E	
500-269641-4	T06S	Total/NA	Water	SM 4500 CI- E	
500-269641-5	T05S	Total/NA	Water	SM 4500 CI- E	
500-269641-6	G30S	Total/NA	Water	SM 4500 CI- E	
500-269641-7	G20S	Total/NA	Water	SM 4500 CI- E	
MB 500-821454/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-821454/67	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-821454/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-821454/68	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-269641-5 MS	T05S	Total/NA	Water	SM 4500 CI- E	
500-269641-5 MSD	T05S	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 821479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total/NA	Water	SM 4500 SO4 E	
500-269641-4	T06S	Total/NA	Water	SM 4500 SO4 E	
500-269641-5	T05S	Total/NA	Water	SM 4500 SO4 E	
500-269641-6	G30S	Total/NA	Water	SM 4500 SO4 E	
500-269641-7	G20S	Total/NA	Water	SM 4500 SO4 E	
MB 500-821479/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-821479/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 821574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 2540C	
500-269641-2	G33S	Total/NA	Water	SM 2540C	
500-269641-3	T09S	Total/NA	Water	SM 2540C	
500-269641-4	T06S	Total/NA	Water	SM 2540C	
500-269641-5	T05S	Total/NA	Water	SM 2540C	
500-269641-6	G30S	Total/NA	Water	SM 2540C	
500-269641-7	G20S	Total/NA	Water	SM 2540C	
MB 500-821574/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-821574/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-1 MS	G31S	Total/NA	Water	SM 2540C	
500-269641-1 DU	G31S	Total/NA	Water	SM 2540C	
500-269641-2 DU	G33S	Total/NA	Water	SM 2540C	

Analysis Batch: 822097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 F C	
500-269641-2	G33S	Total/NA	Water	SM 4500 F C	
500-269641-3	T09S	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-4	T06S	Total/NA	Water	SM 4500 F C	
500-269641-5	T05S	Total/NA	Water	SM 4500 F C	
500-269641-6	G30S	Total/NA	Water	SM 4500 F C	
500-269641-7	G20S	Total/NA	Water	SM 4500 F C	
500-269641-8	G44S	Total/NA	Water	SM 4500 F C	
500-269641-9	G39S	Total/NA	Water	SM 4500 F C	
500-269641-10	G46S	Total/NA	Water	SM 4500 F C	
500-269641-11	G45S	Total/NA	Water	SM 4500 F C	
500-269641-12	R08S	Total/NA	Water	SM 4500 F C	
500-269641-13	G48S	Total/NA	Water	SM 4500 F C	
500-269641-14	G47S	Total/NA	Water	SM 4500 F C	
500-269641-15	R32S	Total/NA	Water	SM 4500 F C	
500-269641-16	T03S	Total/NA	Water	SM 4500 F C	
MB 500-822097/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-822097/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-822097/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-822097/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 822103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 4500 Cl- E	
500-269641-9	G39S	Total/NA	Water	SM 4500 Cl- E	
500-269641-10	G46S	Total/NA	Water	SM 4500 Cl- E	
500-269641-11	G45S	Total/NA	Water	SM 4500 Cl- E	
500-269641-12	R08S	Total/NA	Water	SM 4500 Cl- E	
500-269641-13	G48S	Total/NA	Water	SM 4500 Cl- E	
500-269641-14	G47S	Total/NA	Water	SM 4500 Cl- E	
500-269641-15	R32S	Total/NA	Water	SM 4500 Cl- E	
500-269641-16	T03S	Total/NA	Water	SM 4500 Cl- E	
500-269641-17	T13S	Total/NA	Water	SM 4500 Cl- E	
MB 500-822103/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-822103/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 822149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 4500 SO4 E	
500-269641-9	G39S	Total/NA	Water	SM 4500 SO4 E	
500-269641-10	G46S	Total/NA	Water	SM 4500 SO4 E	
500-269641-11	G45S	Total/NA	Water	SM 4500 SO4 E	
500-269641-12	R08S	Total/NA	Water	SM 4500 SO4 E	
500-269641-13	G48S	Total/NA	Water	SM 4500 SO4 E	
500-269641-14	G47S	Total/NA	Water	SM 4500 SO4 E	
500-269641-15	R32S	Total/NA	Water	SM 4500 SO4 E	
500-269641-16	T03S	Total/NA	Water	SM 4500 SO4 E	
500-269641-17	T13S	Total/NA	Water	SM 4500 SO4 E	
MB 500-822149/20	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-822149/21	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 822327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-9	G39S	Total/NA	Water	SM 2540C	
500-269641-10	G46S	Total/NA	Water	SM 2540C	
500-269641-11	G45S	Total/NA	Water	SM 2540C	
500-269641-12	R08S	Total/NA	Water	SM 2540C	
500-269641-13	G48S	Total/NA	Water	SM 2540C	
MB 500-822327/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-822327/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-8 MS	G44S	Total/NA	Water	SM 2540C	
500-269641-8 DU	G44S	Total/NA	Water	SM 2540C	
500-269641-9 DU	G39S	Total/NA	Water	SM 2540C	

Analysis Batch: 822527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	SM 2540C	
500-269641-15	R32S	Total/NA	Water	SM 2540C	
500-269641-16	T03S	Total/NA	Water	SM 2540C	
500-269641-17	T13S	Total/NA	Water	SM 2540C	
500-269641-18	T02S	Total/NA	Water	SM 2540C	
500-269641-19	T08S	Total/NA	Water	SM 2540C	
500-269641-20	T11S	Total/NA	Water	SM 2540C	
500-269641-21	T11S Dup	Total/NA	Water	SM 2540C	
500-269641-22	T01S	Total/NA	Water	SM 2540C	
500-269641-23	T12S	Total/NA	Water	SM 2540C	
MB 500-822527/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-822527/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-14 MS	G47S	Total/NA	Water	SM 2540C	
500-269641-14 DU	G47S	Total/NA	Water	SM 2540C	
500-269641-15 DU	R32S	Total/NA	Water	SM 2540C	

Analysis Batch: 822793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	SM 4500 CI- E	
500-269641-19	T08S	Total/NA	Water	SM 4500 CI- E	
500-269641-20	T11S	Total/NA	Water	SM 4500 CI- E	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 CI- E	
500-269641-22	T01S	Total/NA	Water	SM 4500 CI- E	
500-269641-23	T12S	Total/NA	Water	SM 4500 CI- E	
MB 500-822793/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-822793/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 822884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	SM 4500 SO4 E	
500-269641-19	T08S	Total/NA	Water	SM 4500 SO4 E	
500-269641-20	T11S	Total/NA	Water	SM 4500 SO4 E	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 SO4 E	
500-269641-22	T01S	Total/NA	Water	SM 4500 SO4 E	
500-269641-23	T12S	Total/NA	Water	SM 4500 SO4 E	
MB 500-822884/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-822884/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-269641-18 MS	T02S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18 MSD	T02S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 822910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-17	T13S	Total/NA	Water	SM 4500 F C	
500-269641-18	T02S	Total/NA	Water	SM 4500 F C	
500-269641-19	T08S	Total/NA	Water	SM 4500 F C	
500-269641-20	T11S	Total/NA	Water	SM 4500 F C	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 F C	
500-269641-22	T01S	Total/NA	Water	SM 4500 F C	
500-269641-23	T12S	Total/NA	Water	SM 4500 F C	
MB 500-822910/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-822910/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 821829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	Field Sampling	
500-269641-2	G33S	Total/NA	Water	Field Sampling	
500-269641-3	T09S	Total/NA	Water	Field Sampling	
500-269641-4	T06S	Total/NA	Water	Field Sampling	
500-269641-5	T05S	Total/NA	Water	Field Sampling	
500-269641-6	G30S	Total/NA	Water	Field Sampling	
500-269641-7	G20S	Total/NA	Water	Field Sampling	
500-269641-8	G44S	Total/NA	Water	Field Sampling	
500-269641-9	G39S	Total/NA	Water	Field Sampling	
500-269641-10	G46S	Total/NA	Water	Field Sampling	
500-269641-11	G45S	Total/NA	Water	Field Sampling	
500-269641-12	R08S	Total/NA	Water	Field Sampling	
500-269641-13	G48S	Total/NA	Water	Field Sampling	
500-269641-14	G47S	Total/NA	Water	Field Sampling	
500-269641-15	R32S	Total/NA	Water	Field Sampling	
500-269641-16	T03S	Total/NA	Water	Field Sampling	
500-269641-17	T13S	Total/NA	Water	Field Sampling	
500-269641-18	T02S	Total/NA	Water	Field Sampling	
500-269641-19	T08S	Total/NA	Water	Field Sampling	
500-269641-20	T11S	Total/NA	Water	Field Sampling	
500-269641-21	T11S Dup	Total/NA	Water	Field Sampling	
500-269641-22	T01S	Total/NA	Water	Field Sampling	
500-269641-23	T12S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-820931/1-A
Matrix: Water
Analysis Batch: 821113

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 820931

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		06/10/25 08:04	06/10/25 14:33	1
Arsenic	<0.0010		0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Barium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 14:33	1
Beryllium	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Boron	<0.050	^5-	0.050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Calcium	<0.20		0.20		mg/L		06/10/25 08:04	06/10/25 14:33	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Molybdenum	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 14:33	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 14:33	1

Lab Sample ID: MB 500-820931/1-A
Matrix: Water
Analysis Batch: 821360

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 820931

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lithium	<0.010	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 14:57	1

Lab Sample ID: LCS 500-820931/2-A
Matrix: Water
Analysis Batch: 821113

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 820931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0984		mg/L		98	80 - 120
Barium	0.500	0.504		mg/L		101	80 - 120
Beryllium	0.0500	0.0442	^5-	mg/L		88	80 - 120
Boron	1.00	0.896	^5-	mg/L		90	80 - 120
Cadmium	0.0500	0.0503		mg/L		101	80 - 120
Calcium	10.0	8.52		mg/L		85	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.495	^5-	mg/L		99	80 - 120
Lead	0.100	0.0986		mg/L		99	80 - 120
Molybdenum	1.00	1.00		mg/L		100	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 500-820931/2-A
Matrix: Water
Analysis Batch: 821360

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 820931

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

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-821088/1-A
Matrix: Water
Analysis Batch: 821548

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 821088

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 14:57	1
Arsenic	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Barium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 14:57	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Boron	<0.050		0.050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Calcium	<0.20		0.20		mg/L		06/11/25 07:54	06/12/25 14:57	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Lithium	<0.010		0.010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Molybdenum	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 14:57	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 14:57	1

Lab Sample ID: LCS 500-821088/2-A
Matrix: Water
Analysis Batch: 821548

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 821088

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Antimony	0.500	0.541		mg/L		108		80 - 120
Arsenic	0.100	0.100		mg/L		100		80 - 120
Barium	0.500	0.515		mg/L		103		80 - 120
Beryllium	0.0500	0.0498		mg/L		100		80 - 120
Boron	1.00	1.06		mg/L		106		80 - 120
Cadmium	0.0500	0.0507		mg/L		101		80 - 120
Calcium	10.0	8.26		mg/L		83		80 - 120
Chromium	0.200	0.199		mg/L		100		80 - 120
Cobalt	0.500	0.519		mg/L		104		80 - 120
Lead	0.100	0.100		mg/L		100		80 - 120
Lithium	0.100	0.107		mg/L		107		80 - 120
Molybdenum	1.00	1.04		mg/L		104		80 - 120
Selenium	0.100	0.102		mg/L		102		80 - 120
Thallium	0.100	0.101		mg/L		101		80 - 120

Lab Sample ID: MB 500-822491/1-A
Matrix: Water
Analysis Batch: 822832

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 14:42	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1
Barium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:42	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1
Boron	<0.050		0.050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Calcium	<0.20		0.20		mg/L		06/19/25 14:12	06/20/25 14:42	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-822491/1-A
Matrix: Water
Analysis Batch: 822832

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Molybdenum	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:42	1

Lab Sample ID: MB 500-822491/1-A
Matrix: Water
Analysis Batch: 822970

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lithium	<0.010		0.010		mg/L		06/19/25 14:12	06/23/25 11:30	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/23/25 11:30	1

Lab Sample ID: LCS 500-822491/2-A
Matrix: Water
Analysis Batch: 822832

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.535		mg/L		107	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.529		mg/L		106	80 - 120
Beryllium	0.0500	0.0543		mg/L		109	80 - 120
Boron	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.0500	0.0509		mg/L		102	80 - 120
Calcium	10.0	9.86		mg/L		99	80 - 120
Chromium	0.200	0.211		mg/L		106	80 - 120
Cobalt	0.500	0.526		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.0983		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822491/2-A
Matrix: Water
Analysis Batch: 822970

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.100	0.110		mg/L		110	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: 500-269641-6 MS
Matrix: Water
Analysis Batch: 822832

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.539		mg/L		108	75 - 125
Arsenic	<0.0010		0.100	0.103		mg/L		103	75 - 125
Barium	0.051		0.500	0.574		mg/L		105	75 - 125
Beryllium	<0.0010		0.0500	0.0500		mg/L		100	75 - 125
Cadmium	<0.00050		0.0500	0.0490		mg/L		98	75 - 125
Calcium	66		10.0	78.5	4	mg/L		121	75 - 125
Chromium	<0.0050		0.200	0.198		mg/L		99	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-6 MS
Matrix: Water
Analysis Batch: 822832

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Cobalt	<0.0010		0.500	0.529		mg/L		106	75 - 125	
Lead	<0.00050		0.100	0.101		mg/L		101	75 - 125	
Molybdenum	<0.0050		1.00	1.03		mg/L		102	75 - 125	
Selenium	<0.0025		0.100	0.0896		mg/L		90	75 - 125	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	

Lab Sample ID: 500-269641-6 MS
Matrix: Water
Analysis Batch: 823053

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Boron	5.0		1.00	5.48	4	mg/L		49	75 - 125	

Lab Sample ID: 500-269641-6 MS
Matrix: Water
Analysis Batch: 823158

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Lithium	0.026		0.100	0.136		mg/L		110	75 - 125	

Lab Sample ID: 500-269641-6 MSD
Matrix: Water
Analysis Batch: 822832

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.0030		0.500	0.484		mg/L		97	75 - 125	11	20	
Arsenic	<0.0010		0.100	0.0927		mg/L		92	75 - 125	11	20	
Barium	0.051		0.500	0.515		mg/L		93	75 - 125	11	20	
Beryllium	<0.0010		0.0500	0.0460		mg/L		92	75 - 125	8	20	
Cadmium	<0.00050		0.0500	0.0444		mg/L		89	75 - 125	10	20	
Calcium	66		10.0	69.6	4	mg/L		32	75 - 125	12	20	
Chromium	<0.0050		0.200	0.181		mg/L		90	75 - 125	9	20	
Cobalt	<0.0010		0.500	0.476		mg/L		95	75 - 125	11	20	
Lead	<0.00050		0.100	0.0896		mg/L		90	75 - 125	12	20	
Molybdenum	<0.0050		1.00	0.925		mg/L		92	75 - 125	10	20	
Selenium	<0.0025		0.100	0.0765		mg/L		76	75 - 125	16	20	
Thallium	<0.0020		0.100	0.0901		mg/L		90	75 - 125	12	20	

Lab Sample ID: 500-269641-6 MSD
Matrix: Water
Analysis Batch: 823053

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
Boron	5.0		1.00	6.01	4	mg/L		102	75 - 125	9	20	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-6 MSD
Matrix: Water
Analysis Batch: 823158

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.026		0.100	0.125		mg/L		99	75 - 125	9	20

Lab Sample ID: 500-269641-6 DU
Matrix: Water
Analysis Batch: 822832

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.051		0.0512		mg/L		0.2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	66		66.1		mg/L		0.5	20
Chromium	<0.0050		0.00824		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-269641-6 DU
Matrix: Water
Analysis Batch: 823053

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	5.0		5.10		mg/L		2	20

Lab Sample ID: 500-269641-6 DU
Matrix: Water
Analysis Batch: 823158

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.026		0.0259		mg/L		2	20

Lab Sample ID: MB 500-822661/1-A
Matrix: Water
Analysis Batch: 822970

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 13:39	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Barium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:39	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Calcium	<0.20		0.20		mg/L		06/20/25 14:16	06/23/25 13:39	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:39	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-822661/1-A
Matrix: Water
Analysis Batch: 822970

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:39	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 13:39	1

Lab Sample ID: MB 500-822661/1-A
Matrix: Water
Analysis Batch: 823053

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.050		0.050		mg/L		06/20/25 14:16	06/23/25 15:35	1
Lithium	<0.010		0.010		mg/L		06/20/25 14:16	06/23/25 15:35	1

Lab Sample ID: LCS 500-822661/2-A
Matrix: Water
Analysis Batch: 822970

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.500	0.532		mg/L		106	80 - 120
Arsenic	0.100	0.0970		mg/L		97	80 - 120
Barium	0.500	0.503		mg/L		101	80 - 120
Beryllium	0.0500	0.0547		mg/L		109	80 - 120
Cadmium	0.0500	0.0511		mg/L		102	80 - 120
Calcium	10.0	9.98		mg/L		100	80 - 120
Chromium	0.200	0.208		mg/L		104	80 - 120
Cobalt	0.500	0.543		mg/L		109	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.989		mg/L		99	80 - 120
Selenium	0.100	0.0978		mg/L		98	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: LCS 500-822661/2-A
Matrix: Water
Analysis Batch: 823053

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Boron	1.00	1.04		mg/L		104	80 - 120
Lithium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: 500-269641-18 MS
Matrix: Water
Analysis Batch: 822970

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Antimony	<0.0030		0.500	0.529		mg/L		106	75 - 125
Arsenic	0.0044		0.100	0.104		mg/L		99	75 - 125
Barium	0.098		0.500	0.584		mg/L		97	75 - 125
Beryllium	<0.0010		0.0500	0.0532		mg/L		106	75 - 125
Cadmium	<0.00050		0.0500	0.0496		mg/L		99	75 - 125
Calcium	88		10.0	100	4	mg/L		118	75 - 125
Chromium	<0.0050		0.200	0.199		mg/L		99	75 - 125
Cobalt	0.0020		0.500	0.513		mg/L		102	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-18 MS
Matrix: Water
Analysis Batch: 822970

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Lead	0.0019		0.100	0.102		mg/L		100	75 - 125	
Molybdenum	0.31		1.00	1.31		mg/L		100	75 - 125	
Selenium	<0.0025		0.100	0.0983		mg/L		98	75 - 125	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	

Lab Sample ID: 500-269641-18 MS
Matrix: Water
Analysis Batch: 823053

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Boron	3.5		1.00	4.54		mg/L		108	75 - 125	

Lab Sample ID: 500-269641-18 MS
Matrix: Water
Analysis Batch: 823158

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Lithium	0.038		0.100	0.150		mg/L		112	75 - 125	

Lab Sample ID: 500-269641-18 MSD
Matrix: Water
Analysis Batch: 822970

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.0030		0.500	0.548		mg/L		110	75 - 125	4	20	
Arsenic	0.0044		0.100	0.106		mg/L		101	75 - 125	2	20	
Barium	0.098		0.500	0.601		mg/L		100	75 - 125	3	20	
Beryllium	<0.0010		0.0500	0.0551		mg/L		110	75 - 125	3	20	
Cadmium	<0.00050		0.0500	0.0513		mg/L		103	75 - 125	3	20	
Calcium	88		10.0	103	4	mg/L		150	75 - 125	3	20	
Chromium	<0.0050		0.200	0.206		mg/L		103	75 - 125	4	20	
Cobalt	0.0020		0.500	0.533		mg/L		106	75 - 125	4	20	
Lead	0.0019		0.100	0.106		mg/L		104	75 - 125	4	20	
Molybdenum	0.31		1.00	1.34		mg/L		104	75 - 125	3	20	
Selenium	<0.0025		0.100	0.0983		mg/L		98	75 - 125	0	20	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	1	20	

Lab Sample ID: 500-269641-18 MSD
Matrix: Water
Analysis Batch: 823053

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Boron	3.5		1.00	4.69		mg/L		123	75 - 125	3	20	

Lab Sample ID: 500-269641-18 MSD
Matrix: Water
Analysis Batch: 823158

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Lithium	0.038		0.100	0.155		mg/L		117	75 - 125	3	20	

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 500-269641-18 DU
Matrix: Water
Analysis Batch: 822970

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0044		0.00346	F5	mg/L		25	20
Barium	0.098		0.0741	F3	mg/L		28	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	88		67.0	F3	mg/L		28	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0020		0.00134	F5	mg/L		38	20
Lead	0.0019		0.00144	F5	mg/L		26	20
Molybdenum	0.31		0.223	F3	mg/L		31	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-269641-18 DU
Matrix: Water
Analysis Batch: 823158

Client Sample ID: T02S
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Lithium	0.038		0.0292	F5	mg/L		26	20

Lab Sample ID: 500-269641-A-18-C DU ^5
Matrix: Water
Analysis Batch: 823053

Client Sample ID: 500-269641-A-18-C DU ^5
Prep Type: Total Recoverable
Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	5.16		2.59	F3	mg/L		66	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-822044/12-A
Matrix: Water
Analysis Batch: 822206

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822044

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 08:46	1

Lab Sample ID: LCS 500-822044/13-A
Matrix: Water
Analysis Batch: 822206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822044

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

Lab Sample ID: 500-269641-4 MS
Matrix: Water
Analysis Batch: 822206

Client Sample ID: T06S
Prep Type: Total/NA
Prep Batch: 822044

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	<0.00020		0.000999	0.000853		mg/L		85	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-4 MSD
Matrix: Water
Analysis Batch: 822206

Client Sample ID: T06S
Prep Type: Total/NA
Prep Batch: 822044

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000836		mg/L		84	75 - 125	2	20

Lab Sample ID: 500-269641-4 DU
Matrix: Water
Analysis Batch: 822206

Client Sample ID: T06S
Prep Type: Total/NA
Prep Batch: 822044

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

Lab Sample ID: MB 500-822436/12-A
Matrix: Water
Analysis Batch: 822643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822436

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 08:32	1

Lab Sample ID: LCS 500-822436/25-A
Matrix: Water
Analysis Batch: 822643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00189		mg/L		95	80 - 120

Lab Sample ID: MB 500-822439/12-A
Matrix: Water
Analysis Batch: 822643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 08:54	1

Lab Sample ID: LCS 500-822439/13-A
Matrix: Water
Analysis Batch: 822643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822439

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00207		mg/L		104	80 - 120

Lab Sample ID: MB 500-822895/12-A
Matrix: Water
Analysis Batch: 823110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:36	1

Lab Sample ID: LCS 500-822895/13-A
Matrix: Water
Analysis Batch: 823110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00195		mg/L		98	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-821574/1
Matrix: Water
Analysis Batch: 821574

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			06/13/25 08:16	1

Lab Sample ID: LCS 500-821574/2
Matrix: Water
Analysis Batch: 821574

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: 500-269641-1 MS
Matrix: Water
Analysis Batch: 821574

Client Sample ID: G31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	990		250	1290		mg/L		117	75 - 125

Lab Sample ID: 500-269641-1 DU
Matrix: Water
Analysis Batch: 821574

Client Sample ID: G31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	990		250	998		mg/L		0.4	5

Lab Sample ID: 500-269641-2 DU
Matrix: Water
Analysis Batch: 821574

Client Sample ID: G33S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	400		250	416		mg/L		3	5

Lab Sample ID: MB 500-822327/1
Matrix: Water
Analysis Batch: 822327

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			06/18/25 23:37	1

Lab Sample ID: LCS 500-822327/2
Matrix: Water
Analysis Batch: 822327

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	244		mg/L		98	80 - 120

Lab Sample ID: 500-269641-8 MS
Matrix: Water
Analysis Batch: 822327

Client Sample ID: G44S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	700		250	994		mg/L		118	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-8 DU
Matrix: Water
Analysis Batch: 822327

Client Sample ID: G44S
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	700		692		mg/L		1	5

Lab Sample ID: 500-269641-9 DU
Matrix: Water
Analysis Batch: 822327

Client Sample ID: G39S
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	540		528		mg/L		2	5

Lab Sample ID: MB 500-822527/1
Matrix: Water
Analysis Batch: 822527

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			06/20/25 05:50	1

Lab Sample ID: LCS 500-822527/2
Matrix: Water
Analysis Batch: 822527

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Total Dissolved Solids	250	244		mg/L		98	80 - 120

Lab Sample ID: 500-269641-14 MS
Matrix: Water
Analysis Batch: 822527

Client Sample ID: G47S
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Total Dissolved Solids	970		250	1260		mg/L		114	75 - 125

Lab Sample ID: 500-269641-14 DU
Matrix: Water
Analysis Batch: 822527

Client Sample ID: G47S
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	970		1020		mg/L		5	5

Lab Sample ID: 500-269641-15 DU
Matrix: Water
Analysis Batch: 822527

Client Sample ID: R32S
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Total Dissolved Solids	770		806		mg/L		4	5

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-821059/16
Matrix: Water
Analysis Batch: 821059

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			06/10/25 13:27	1

Lab Sample ID: MB 500-821059/31
Matrix: Water
Analysis Batch: 821059

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			06/10/25 13:29	1

Lab Sample ID: LCS 500-821059/17
Matrix: Water
Analysis Batch: 821059

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	20.2		mg/L		101	85 - 115

Lab Sample ID: LCS 500-821059/32
Matrix: Water
Analysis Batch: 821059

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	20.2		mg/L		101	85 - 115

Lab Sample ID: 500-269641-2 MS
Matrix: Water
Analysis Batch: 821059

Client Sample ID: G33S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12		20.0	29.4		mg/L		86	75 - 125

Lab Sample ID: 500-269641-2 MSD
Matrix: Water
Analysis Batch: 821059

Client Sample ID: G33S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12		20.0	29.5		mg/L		86	75 - 125	0	20

Lab Sample ID: MB 500-821454/16
Matrix: Water
Analysis Batch: 821454

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			06/12/25 11:27	1

Lab Sample ID: MB 500-821454/67
Matrix: Water
Analysis Batch: 821454

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			06/12/25 13:08	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: LCS 500-821454/17
Matrix: Water
Analysis Batch: 821454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.7		mg/L		98	85 - 115

Lab Sample ID: LCS 500-821454/68
Matrix: Water
Analysis Batch: 821454

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	20.0		mg/L		100	85 - 115

Lab Sample ID: 500-269641-5 MS
Matrix: Water
Analysis Batch: 821454

Client Sample ID: T05S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120	F1	20.0	133	4	mg/L		79	75 - 125

Lab Sample ID: 500-269641-5 MSD
Matrix: Water
Analysis Batch: 821454

Client Sample ID: T05S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	120	F1	20.0	133	4	mg/L		78	75 - 125	0	20

Lab Sample ID: MB 500-822103/16
Matrix: Water
Analysis Batch: 822103

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			06/17/25 12:03	1

Lab Sample ID: LCS 500-822103/17
Matrix: Water
Analysis Batch: 822103

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: MB 500-822793/16
Matrix: Water
Analysis Batch: 822793

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			06/22/25 11:55	1

Lab Sample ID: LCS 500-822793/17
Matrix: Water
Analysis Batch: 822793

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.4		mg/L		97	85 - 115

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-822097/3
Matrix: Water
Analysis Batch: 822097

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			06/17/25 10:21	1

Lab Sample ID: MB 500-822097/31
Matrix: Water
Analysis Batch: 822097

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			06/17/25 12:00	1

Lab Sample ID: LCS 500-822097/32
Matrix: Water
Analysis Batch: 822097

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.85		mg/L		99	90 - 119

Lab Sample ID: LCS 500-822097/4
Matrix: Water
Analysis Batch: 822097

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.82		mg/L		98	90 - 119

Lab Sample ID: MB 500-822910/3
Matrix: Water
Analysis Batch: 822910

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			06/23/25 10:06	1

Lab Sample ID: LCS 500-822910/4
Matrix: Water
Analysis Batch: 822910

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.86		mg/L		99	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-821023/16
Matrix: Water
Analysis Batch: 821023

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			06/10/25 11:29	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: LCS 500-821023/17
Matrix: Water
Analysis Batch: 821023

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

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

Lab Sample ID: 500-269641-2 MS
Matrix: Water
Analysis Batch: 821023

Client Sample ID: G33S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	94		20.0	113	4	mg/L		93	75 - 125

Lab Sample ID: 500-269641-2 MSD
Matrix: Water
Analysis Batch: 821023

Client Sample ID: G33S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	94		20.0	113	4	mg/L		94	75 - 125	0	20

Lab Sample ID: MB 500-821479/16
Matrix: Water
Analysis Batch: 821479

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			06/12/25 14:18	1

Lab Sample ID: LCS 500-821479/17
Matrix: Water
Analysis Batch: 821479

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.8		mg/L		104	88 - 123

Lab Sample ID: MB 500-822149/20
Matrix: Water
Analysis Batch: 822149

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			06/17/25 15:23	1

Lab Sample ID: LCS 500-822149/21
Matrix: Water
Analysis Batch: 822149

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	19.7		mg/L		98	88 - 123

Lab Sample ID: MB 500-822884/16
Matrix: Water
Analysis Batch: 822884

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			06/23/25 09:42	1

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: LCS 500-822884/17
Matrix: Water
Analysis Batch: 822884

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	19.9		mg/L		99	88 - 123

Lab Sample ID: 500-269641-18 MS
Matrix: Water
Analysis Batch: 822884

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	320		20.0	338	4	mg/L		68	75 - 125

Lab Sample ID: 500-269641-18 MSD
Matrix: Water
Analysis Batch: 822884

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	320		20.0	336	4	mg/L		55	75 - 125	1	20

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Chain of Custody Record

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Client Information		Sampler: <i>Noe L., John H</i>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page 1 of 3	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		TAT Requested (days)		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No		Job #: <i>500-269641</i>	
City: Joliet		PO #: 4502187984		WO #:		Project #: 50011504		Preservation Codes: D HNO3, N None	
State Zip: IL, 60436		Project Name: Joliet #9 CCR		Project #:		SSOW#:		Site: Illinois	
Phone		Email: james.thorne@nrg.com		Project #:		SSOW#:		Site: Illinois	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
Preservation Code		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPCC - Local Method	
						904.0 - Standard Target List		6020A, 7470A	
						2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		500-269641 COC	
								Total Number of containers	
								Special Instructions/Note.	
R005		T095		06/10/25		1017		Water	
R200		T065		06/10/25		1203		Water	
R025		T055		06/10/25		1411		Water	
R445								Water	
R455								Water	
R465								Water	
R475								Water	
R485								Water	
T030								Water	
R000								Water	
DUP								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>[Signature]</i>			Date/Time: <i>06/10/25 1545</i>		Company: <i>EETA</i>		Received by: <i>Stephanie Henneman</i> Date/Time: <i>6/10/25 1545</i> Company: <i>EETA</i>		
Relinquished by:			Date/Time:		Company:		Received by: Date/Time: Company:		
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: <i>12-71.8 48at</i>				

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Chain of Custody Record

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Client Information		Sampler: <i>Noe L.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 2	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofins.com		State of Origin		Page: 2 of 3	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> 903.0 - Standard Target List Ra226Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1E, SM4500_S04_LE		Total Number of containers		Job #: <i>500-269641</i>	
City: Joliet		TAT Requested (days)						Preservation Codes	
State/Zip: IL, 60436		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No						D HNO3	
Phone		PO #: 4502187984						N None	
Email: james.thorne@nrg.com		WO #:						Other	
Project Name: Joliet #9 CCR		Project #: 50011504		SSOW#:		Special Instructions/Note:			
Site: Illinois									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
						Preservation Code		<input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No)	
G318		<i>G30S</i>		<i>06/10/25 1023</i>		Water		D D D D N	
G338		<i>G20S</i>		<i>06/11/25 1225</i>		Water		/ / / / /	
F018						Water			
F025						Water			
F048						Water			
F068						Water			
F088						Water			
F088						Water			
F095						Water			
T12S						Water			
F13S						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>[Signature]</i>		Date/Time: <i>06/10/25 1514</i>		Company: <i>EETA</i>		Received by: <i>[Signature]</i>		Date/Time: <i>6/11/25 1514</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
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>2.0 → 2.3</i>					

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Chain of Custody Record

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Client Information		Sampler: NOR L		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1					
Client Contact: James Thorne		Phone		E-Mail: Diana.Mockler@et.eurofins.com		State of Origin		Page 1 of 3					
Company: Midwest Generation EME LLC			PWSID		Analysis Reqt				Job #: 500-269641				
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPIC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		500-269641 COC 		Preservation Codes D HNO3 N None					
City: Joliet		TAT Requested (days)						Other:					
State Zip: IL 60436		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No						Total Number of containers					
Phone		PO #: 4502187984						Special Instructions/Note:					
Email: james.thorne@nrg.com		WO #											
Project Name: Joliet #9 CCR		Project #: 50011504											
Site: Illinois		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E	Total Number of containers	
				Preservation Code									
8 R005 G445		06/12/25	1044		Water			/	/	/	/	/	5
9 G205 G395		06/12/25	1146		Water			/	/	/	/	/	5
10 R025 G465		06/12/25	1318		Water			/	/	/	/	/	5
11 G445 G455		06/12/25	1425		Water			/	/	/	/	/	5
G465					Water								
G465					Water								
G475					Water								
G465					Water								
T035					Water								
G005					Water								
DUP					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>[Signature]</i>			Date/Time: 06/12/25 1535		Company: EETA		Received by: Stephanie Hernandez		Date/Time: 6/12/25 1535		Company: EETA		
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:		
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: 1.7 + 2.3							

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Chain of Custody Record



Client Information		Sampler <i>Noe L</i>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 3						
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et eurofinsus.com		State of Origin		Page Page 3 of 3						
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-21e941</i>				
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPFC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C SM4500_CLE, SM4500_SO4_E		 500-269641 COC		Preservation Codes D HNO3 N None						
City Joliet		TAT Requested (days)												
State Zip IL 60436		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No												
Phone		PO # 4502187984												
Email james.thorne@nrg.com		WO #												
Project Name Joliet #9 CCR		Project # 50011504												
Site Illinois		SSOW#						Other:						
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228_GFPFC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C SM4500_CLE, SM4500_SO4_E	Total Number of containers	Special Instructions/Note
12 1440		<i>RO8S</i>	<i>06/13/25</i>	<i>1034</i>	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>13 6208</i>		<i>G48S</i>	<i>06/13/25</i>	<i>1223</i>	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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: <i>[Signature]</i>	Date/Time: <i>06/13/25 1514</i>	Company: <i>EETA</i>	Received by: <i>Stephane Hernandez</i>	Date/Time: <i>6/13/25 1514</i>	Company: <i>EETA</i>
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact. Yes No Custody Seal No _____ Cooler Temperature(s) °C and Other Remarks *0.3 -> 0.9*



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Chain of Custody Record



Client Information		Sampler Noe Lopez / <i>John Hoffman</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-137622-50642 1						
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page						
Company Midwest Generation EME LLC				PWSID		Analysis Requested								
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFFC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E		Total Number of containers		Job # <i>500-269641</i>						
City Joliet		TAT Requested (days)						Preservation Codes D HNO3 N None						
State, Zip IL, 60436		Compliance Project. Δ Yes Δ No						Other						
Phone: 500-269641 COC		PO #: 4502187984												
Email: james.thorne@nrg.com		WO #		Project #: 50011504		SSOW#		Site Illinois						
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228_GFFC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	D	D	N		
<i>22</i> <i>23</i> T01S		06/19/25	1016		Water								5	
T12S		06/19/25	1151		Water								5	
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Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-1

Login Number: 269641

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5,1.8,2.3,2.3,0.9,3.1,2.5,1.8,0.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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	

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821360	RN	EET CHI	06/11/25 15:08
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821113	RN	EET CHI	06/10/25 15:03
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:16
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:23
Total/NA	Analysis	SM 4500 Cl- E		5	821059	TR	EET CHI	06/10/25 13:45
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:10
Total/NA	Analysis	SM 4500 SO4 E		20	821023	TR	EET CHI	06/10/25 11:51
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/09/25 11:26

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821360	RN	EET CHI	06/11/25 15:11
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821113	RN	EET CHI	06/10/25 15:05
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:18
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:31
Total/NA	Analysis	SM 4500 Cl- E		1	821059	TR	EET CHI	06/10/25 13:29
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:14
Total/NA	Analysis	SM 4500 SO4 E		5	821023	TR	EET CHI	06/10/25 11:52
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/09/25 13:04

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:21
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:20
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:36
Total/NA	Analysis	SM 4500 Cl- E		2	821454	TR	EET CHI	06/12/25 11:58
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:18
Total/NA	Analysis	SM 4500 SO4 E		10	821479	TR	EET CHI	06/12/25 14:38
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 10:17

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:23
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:22
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:39
Total/NA	Analysis	SM 4500 CI- E		1	821454	TR	EET CHI	06/12/25 11:31
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:21
Total/NA	Analysis	SM 4500 SO4 E		5	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 12:03

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:26
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		10	821548	RN	EET CHI	06/12/25 15:47
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:29
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:41
Total/NA	Analysis	SM 4500 CI- E		5	821454	TR	EET CHI	06/12/25 11:58
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:24
Total/NA	Analysis	SM 4500 SO4 E		20	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 14:11

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 14:52
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:51
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		5	823053	RN	EET CHI	06/23/25 15:06
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:31
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:44
Total/NA	Analysis	SM 4500 CI- E		5	821454	TR	EET CHI	06/12/25 13:22
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:28

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		20	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/11/25 10:23

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:21
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:47
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:32
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:47
Total/NA	Analysis	SM 4500 Cl- E		1	821454	TR	EET CHI	06/12/25 13:08
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:31
Total/NA	Analysis	SM 4500 SO4 E		2	821479	TR	EET CHI	06/12/25 14:40
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/11/25 12:25

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:24
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:50
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:56
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/18/25 23:52
Total/NA	Analysis	SM 4500 Cl- E		2	822103	TR	EET CHI	06/17/25 12:47
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:34
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:24
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 10:44

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:26

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:52
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:58
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:00
Total/NA	Analysis	SM 4500 CI- E		1	822103	TR	EET CHI	06/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:45
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:25
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 11:46

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:29
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:20
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:10
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:59
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:05
Total/NA	Analysis	SM 4500 CI- E		2	822103	TR	EET CHI	06/17/25 12:47
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:49
Total/NA	Analysis	SM 4500 SO4 E		20	822149	TR	EET CHI	06/17/25 16:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 13:18

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:36
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:17
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:01
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:08
Total/NA	Analysis	SM 4500 CI- E		5	822103	TR	EET CHI	06/17/25 13:21
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:53

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:25
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 14:25

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:44
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:22
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:19
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:03
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:10
Total/NA	Analysis	SM 4500 CI- E		2	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:56
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/13/25 10:34

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:51
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:25
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:27
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:05
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:13
Total/NA	Analysis	SM 4500 CI- E		5	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:09
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/13/25 12:23

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:58
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:27
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:34
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:07
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 05:55
Total/NA	Analysis	SM 4500 Cl- E		5	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:11
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 10:10

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:06
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:41
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:09
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:02
Total/NA	Analysis	SM 4500 Cl- E		1	822103	TR	EET CHI	06/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:14
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 11:34

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:08
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:44
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:11
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:08
Total/NA	Analysis	SM 4500 Cl- E		5	822103	TR	EET CHI	06/17/25 12:49

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:18
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 13:15

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:11
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:46
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:16
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:10
Total/NA	Analysis	SM 4500 CI- E		1	822103	TR	EET CHI	06/17/25 12:05
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:35
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:28
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 14:10

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 13:44
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:12
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		5	823053	RN	EET CHI	06/23/25 15:39
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:24
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:13
Total/NA	Analysis	SM 4500 CI- E		5	822793	TR	EET CHI	06/22/25 12:12
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:28
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/17/25 10:56

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:06
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:31
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:52
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:26
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:15
Total/NA	Analysis	SM 4500 Cl- E		2	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:50
Total/NA	Analysis	SM 4500 SO4 E		20	822884	TR	EET CHI	06/23/25 10:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/17/25 13:16

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:16
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 15:55
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:28
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:18
Total/NA	Analysis	SM 4500 Cl- E		1	822793	TR	EET CHI	06/22/25 11:56
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:53
Total/NA	Analysis	SM 4500 SO4 E		5	822884	TR	EET CHI	06/23/25 10:07
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/18/25 10:38

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:18
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 15:57
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:29
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:21
Total/NA	Analysis	SM 4500 Cl- E		1	822793	TR	EET CHI	06/22/25 11:55

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:56
Total/NA	Analysis	SM 4500 SO4 E		5	822884	TR	EET CHI	06/23/25 10:07
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/18/25 10:38

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:32
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:05
Total/NA	Prep	7470A			822895	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
Total/NA	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 07:51
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:23
Total/NA	Analysis	SM 4500 CI- E		5	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 11:00
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:08
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/19/25 10:16

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:34
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:41
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 16:07
Total/NA	Prep	7470A			822895	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
Total/NA	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 07:53
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:26
Total/NA	Analysis	SM 4500 CI- E		2	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 11:02
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:08
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/19/25 11:51

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

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Laboratory: Eurofins Chicago

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

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

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



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 269641.1

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/09/25 Start Purge: 1113 End Purge: 1126
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.59

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.23 7.26 7.26 (std.)
Ref. Measuring Pt. TIC SC 1556 1547 1547 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 15.50 15.48 15.48 (°C)
Water Level 26.23 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 509.44 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 71°F, Mostly Sunny, SW winds e 5-10 mph
Turbidity: 0.45 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 26.23 - 2.58 = 23.65 (ft.)
Levels were taken on 06/09/25 @ 1108

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-249641-2

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/09/25 Start Purge: 1243 End Purge: 1304
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.54

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.23 7.22 7.22 (std.)
Ref. Measuring Pt. TIC SC 819 822 822 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 16.69 16.74 16.74 (°C)
Water Level 34.12 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.55 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 73°F, Mostly Cloudy, SW winds @ 5-10 mph
Turbidity: 7.14 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 34.12 - 1.73 = 32.39 (ft.)
Levels were taken on 06/09/25 @ 1238

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-219641-3

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 0959 End Purge: 1017
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final

Stick Up 2.40 (ft) pH 7.31 7.31 7.31 (std.)

Ref. Measuring Pt. TIC SC 1201 1196 1196 (umhos/cm)

Well Elevation * 603.49 (ft./msl) Temp. 15.13 15.11 15.11 (°C)

Water Level 98.64 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 504.85 (ft./msl)

Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor

Weather Conditions: 68°F, Sunny, SW winds 0-5 mph

Turbidity: 187.00 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 98.64 - 2.40 = 96.24 (ft.)

Levels were taken on 06/10/25 @ 0944

* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-4

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 1148 End Purge: 1203
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.16 7.14 7.14 (std.)
Ref. Measuring Pt. TIC SC 788 789 789 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 19.46 19.46 19.46 (°C)
Water Level 115.48 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.57 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 72°F, Sunny, W winds 5-10 mph
Turbidity: 1.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 115.48 - 2.30 = 113.18 (ft.)
Levels were taken on 06/10/25 @ 1133
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269041-5

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 1354 End Purge: 1411
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final

Stick Up 2.40 (ft) pH 10.30 10.29 10.29 (std.)

Ref. Measuring Pt. TIC SC 2372 2372 2372 (umhos/cm)

Well Elevation * 623.41 (ft./msl) Temp. 17.00 16.97 16.97 (°C)

Water Level 124.96 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 498.45 (ft./msl)

Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor

Weather Conditions: 76°F, Sunny, W winds e 5-10 mph

Turbidity: 1.70 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 124.96 - 2.40 = 122.56 (ft.)

Levels were taken on 06/10/25 @ 1339

* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-6

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/11/25 Start Purge: 1005 End Purge: 1023
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.89 7.89 7.89 (std.)
Ref. Measuring Pt. TIC SC 2032 2030 2030 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 15.44 15.41 15.41 (°C)
Water Level 1.81 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.97 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 78°F, Sunny, SW winds @ 5-10 mph
Turbidity: 0.67 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.81 - 2.31 = -0.50 (ft.)
Levels were taken on 06/11/25 @ 1000

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]





Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite #
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-7

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/11/25 Start Purge: 1207 End Purge: 1225
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.56 7.51 7.51 (std.)
Ref. Measuring Pt. TIC SC 672 671 671 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 24.97 25.08 25.08 (°C)
Water Level 70.94 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 509.85 (ft./msl)

Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 85°F, Mostly Sunny, SW winds e 5-10 mph
Turbidity: 0.27 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 70.94 - 2.78 = 68.16 (ft.)
Levels were taken on 06/11/25 @ 1202

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-8

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1024 End Purge: 1044
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.00 7.00 7.00 (std.)
Ref. Measuring Pt. TIC SC 1195 1196 1196 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 14.60 14.57 14.57 (°C)
Water Level 79.35 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.27 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 82°F, Partly Sunny, SE winds e 0-5 mph
Turbidity: 9.64 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 79.35 - 2.18 = 77.17 (ft)
Levels were taken on 06/12/25 @ 1014

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-209641-9

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1128 End Purge: 1146
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.21 7.20 7.20 (std.)
Ref. Measuring Pt. TIC SC 765 763 763 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 14.56 14.55 14.55 (°C)
Water Level 92.40 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.34 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 83°F, Mostly Sunny, E winds 0-5 mph
Turdity 11.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 92.40 - 2.08 = 90.32 (ft)
Levels were taken on 06/12/25 @ 1123

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]





Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-10

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (N)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1304 End Purge: 1318
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.98 8.02 8.02 (std.)
Ref. Measuring Pt. TIC SC 1393 1394 1394 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 16.08 15.99 15.99 (°C)
Water Level 95.29 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.03 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 85°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 134.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 95.29 - 2.70 = 92.59 ft.
Levels were taken on 06/12/25 @ 1259.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269041-11

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1409 End Purge: 1425
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.28 7.26 7.26 (std.)
Ref. Measuring Pt. TIC SC 1071 1098 1098 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 15.55 15.50 15.50 (°C)
Water Level 63.97 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.84 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 87°F, Partly Sunny, SE winds @ 0-5 mph
Turbidity: 0.78 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 63.97 - 2.97 = 61.00 (ft)
Levels were taken on 06/12/25 @ 1404

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-12

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump Dedicated (Y/N)
Sampling _____ Bladder Pump Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/13/25 Start Purge: 1019 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 8.12 8.18 8.18 (std.)
Ref. Measuring Pt. TIC SC 1133 1132 1132 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 13.95 13.95 13.95 (°C)
Water Level 66.31 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 512.33 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 69°F, Cloudy, NE winds e 0-5 mph
Turbidity: 0.63 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 66.31 - 2.55 = 63.76 (ft.)
Levels were taken on 06/13/25 @ 1009

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2091641-13

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
 Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/13/25 Start Purge: 1210 End Purge: 1223
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final

Stick Up 2.45 (ft) pH 8.14 8.18 8.18 (std.)

Ref. Measuring Pt. TIC SC 1543 1545 1545 (umhos/cm)

Well Elevation *620.73 (ft./msl) Temp. 15.76 15.74 15.74 (°C)

Water Level 104.79 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 515.94 (ft./msl)

Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor

Weather Conditions: 71°F, Cloudy, NE winds e 0-5 mph

Turbidity: 0.71 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 104.79 - 2.45 = 102.34 (ft)

Levels were taken on 06/13/25 @ 1205

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269041-14

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/13/25 Start Purge: 0952 End Purge: 1010
₁₆ _{PS} (2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 8.94 8.96 8.96 (std.)
Ref. Measuring Pt. TIC SC 1569 1566 1566 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 16.72 16.81 16.81 (°C)
Water Level 94.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.96 (ft./msl)

Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 80°F, Sunny, SE winds @ 0-5 mph
Turbidity: 0.35 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.20 - 2.50 = 91.70 (ft.)
Levels were taken on 06/13/25 @ 0942
₁₆ _{PS}

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641.15

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1115 End Purge: 1134
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.21 7.23 7.23 (std.)
Ref. Measuring Pt. TIC SC 875 884 884 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 13.29 13.33 13.33 (°C)
Water Level 18.89 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 518.15 (ft./msl)

Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 82°F, Mostly Sunny, ^{P.L.} 67°F, SE winds @ 0-5 mph
Turbidity: 0.83 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 18.89 - 2.03 = 16.86 (ft.)
Levels were taken on 06/16/25 @ 1110

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-16

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1257 End Purge: 1315
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.07 7.07 7.07 (std.)
Ref. Measuring Pt. TIC SC 1111 1127 1127 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 13.82 13.71 13.71 (°C)
Water Level 138.85 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.88 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 87°F, Sunny, SE winds @ 0-5 mph
Turbidity: 0.38 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 138.85 - 3.08 = 135.77 (ft.)
Levels were taken on 06/16/25 @ 1252
* Total Depth = 172.95

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-17

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump Dedicated (Y/N)
Sampling _____ Bladder Pump Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1400 End Purge: 1410
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.31 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1002 999 999 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 16.36 16.36 16.36 (°C)
Water Level 20.22 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.11 (ft./msl)

Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 87°F, Sunny, SE winds 0-5 mph
Turbidity: 4.37 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.22 - 2.76 = 17.46 (ft.)
Levels were taken on 06/16/25 @ 1355
* Total Depth: 73.12 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-209141-18

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
 Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/17/25 Start Purge: 1037 End Purge: 1056
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.62

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final

Stick Up 2.33 (ft) pH 7.24 7.22 7.22 (std.)

Ref. Measuring Pt. TIC SC 1338 1345 1345 (umhos/cm)

Well Elevation * 626.14 (ft./msl) Temp. 24.37 24.34 24.34 (°C)

Water Level 135.20 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 490.94 (ft./msl)

Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Light Gray, Moderate Turbidity, No Odor

Weather Conditions: 85°F, Sunny, SW winds @ 5-10 mph

Turbidity: 169.00 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 135.20 - 2.33 = 132.87 (ft.)

Levels were taken on 06/17/25 @ 1022

* Total Depth = 172.75

(Updated: 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-19

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/17/25 Start Purge: 1300 End Purge: 1316
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.13 8.16 8.16 (std.)
Ref. Measuring Pt. TIC SC 1367 1375 1375 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 29.19 29.11 29.11 (°C)
Water Level 129.70 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.73 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 90°F, Mostly Cloudy, SW winds @ 5-10 mph
Turbidity: 9.22 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 129.70 - 2.38 = 127.32 (ft)
Levels were taken on 06/17/25 @ 1245
* Total Deth = 180.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-20

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/18/25 Start Purge: 1018 End Purge: 1038
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final

Stick Up 2.74 (ft) pH 7.24 7.25 7.25 (std.)

Ref. Measuring Pt. TIC SC 929 928 928 (umhos/cm)

Well Elevation * 559.40 (ft./msl) Temp. 22.25 22.15 22.15 (°C)

Water Level 75.10 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 484.30 (ft./msl)

Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor

Weather Conditions: 82°F, Mostly Cloudy, SW winds 0-5 mph

Turbidity 40.70 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 75.10 - 2.74 = 72.36 (ft.)

Levels were taken on 06/18/25 @ 1003

* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-20964-21

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)

Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
 Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/18/25 Start Purge: _____ End Purge: _____
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final

Stick Up 2.74 (ft) pH _____ (std.)

Ref. Measuring Pt. TIC SC _____ (umhos/cm)

Well Elevation * 559.40 (ft./msl) Temp. _____ (°C)

Water Level _____ (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. _____ (ft./msl)

Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____

Weather Conditions: _____

Turbidity _____ NTU _____

Other: *Reference Measurement

Depth To Water from L.S. = _____

Levels were taken on _____ @ _____

* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]





Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-22

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/19/25 Start Purge: 1010 End Purge: 1016
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.85 7.84 7.84 (std.)
Ref. Measuring Pt. TIC SC 1444 1443 1443 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 20.10 20.08 20.08 (°C)
Water Level 126.19 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.64 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, Slight Odor
Weather Conditions: 72°F, Partly Sunny, NW winds 0-5 mph.
Turbidity: 324.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.19 - 2.48 = 123.71 (ft)
Levels were taken on 06/19/25 @ 0955.
* Total Depth = 170.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-209141-23

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/19/25 Start Purge: 1139 End Purge: 1151
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.62 7.62 7.62 (std.)
Ref. Measuring Pt. TIC SC 1387 1387 1387 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 14.39 14.43 14.43 (°C)
Water Level 73.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.15 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 78°F, Mostly Sunny, W winds @ 0-5 mph
Turbidity: 49.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.58 - 2.74 = 70.84 (ft.)
Levels were taken on 06/19/25 @ 1134
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/18/2025 4:28:38 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR 2Q25 (RAD)

JOB NUMBER

500-269641-2

Eurofins Chicago

Job Notes

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

Authorization



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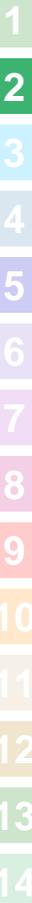


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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Job ID: 500-269641-2

Eurofins Chicago

Job Narrative 500-269641-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/9/2025 2:34 PM, 6/10/2025 3:45 PM, 6/11/2025 3:14 PM, 6/12/2025 3:35 PM, 6/13/2025 3:14 PM, 6/16/2025 3:23 PM, 6/17/2025 3:10 PM, 6/18/2025 1:55 PM and 6/19/2025 12:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9°C, 0.9°C, 1.8°C, 1.8°C, 2.3°C, 2.3°C, 2.5°C and 3.1°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 723213

The detection goal was not met for the following sample due to the reduced sample volume in prep attributed to the presence of matrix interferences: T08S (500-269641-19). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 723854

The LCS recovered at (127%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-723854/2-A)

Method 904.0: Radium-228 batch 723854

The detection goal was not met for the following sample due to the reduced sample volume used in prep attributed to the presence of matrix interferences: T01S (500-269641-22). Analytical results are reported with the detection limit achieved.

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

Rad

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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



Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-269641-1	G31S	Water	06/09/25 11:26	06/09/25 14:34
500-269641-2	G33S	Water	06/09/25 13:04	06/09/25 14:34
500-269641-3	T09S	Water	06/10/25 10:17	06/10/25 15:45
500-269641-4	T06S	Water	06/10/25 12:03	06/10/25 15:45
500-269641-5	T05S	Water	06/10/25 14:11	06/10/25 15:45
500-269641-6	G30S	Water	06/11/25 10:23	06/11/25 15:14
500-269641-7	G20S	Water	06/11/25 12:25	06/11/25 15:14
500-269641-8	G44S	Water	06/12/25 10:44	06/12/25 15:35
500-269641-9	G39S	Water	06/12/25 11:46	06/12/25 15:35
500-269641-10	G46S	Water	06/12/25 13:18	06/12/25 15:35
500-269641-11	G45S	Water	06/12/25 14:25	06/12/25 15:35
500-269641-12	R08S	Water	06/13/25 10:34	06/13/25 15:14
500-269641-13	G48S	Water	06/13/25 12:23	06/13/25 15:14
500-269641-14	G47S	Water	06/16/25 10:10	06/16/25 15:23
500-269641-15	R32S	Water	06/16/25 11:34	06/16/25 15:23
500-269641-16	T03S	Water	06/16/25 13:15	06/16/25 15:23
500-269641-17	T13S	Water	06/16/25 14:10	06/16/25 15:23
500-269641-18	T02S	Water	06/17/25 10:56	06/17/25 15:10
500-269641-19	T08S	Water	06/17/25 13:16	06/17/25 15:10
500-269641-20	T11S	Water	06/18/25 10:38	06/18/25 13:55
500-269641-21	T11S Dup	Water	06/18/25 10:38	06/18/25 13:55
500-269641-22	T01S	Water	06/19/25 10:16	06/19/25 12:57
500-269641-23	T12S	Water	06/19/25 11:51	06/19/25 12:57

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.47		0.429	0.449	1.00	0.408	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					06/13/25 07:20	07/10/25 15:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.14		0.396	0.410	1.00	0.455	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	83.7		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.62		0.584	0.608	5.00	0.455	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.402	U	0.259	0.261	1.00	0.402	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					06/13/25 07:20	07/10/25 15:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.610	U	0.388	0.390	1.00	0.610	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	77.4		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.728		0.467	0.469	5.00	0.610	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.926		0.329	0.339	1.00	0.313	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					06/13/25 07:20	07/10/25 15:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.816		0.372	0.380	1.00	0.487	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	80.0		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.74		0.497	0.509	5.00	0.487	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.706		0.315	0.321	1.00	0.357	pCi/L	06/13/25 07:20	07/10/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					06/13/25 07:20	07/10/25 15:01	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.753		0.377	0.384	1.00	0.514	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	82.2		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.46		0.491	0.500	5.00	0.514	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.385	U	0.261	0.262	1.00	0.385	pCi/L	06/13/25 07:20	07/10/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					06/13/25 07:20	07/10/25 15:01	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.621	U	0.360	0.361	1.00	0.621	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	86.7		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.621	U	0.445	0.446	5.00	0.621	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.858		0.338	0.347	1.00	0.377	pCi/L	06/17/25 08:01	07/11/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					06/17/25 08:01	07/11/25 16:04	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.45		0.750	0.784	1.00	0.868	pCi/L	06/17/25 08:07	07/11/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					06/17/25 08:07	07/11/25 12:03	1
Y Carrier	54.6		30 - 110					06/17/25 08:07	07/11/25 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.31		0.823	0.857	5.00	0.868	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.825		0.340	0.348	1.00	0.377	pCi/L	06/17/25 08:01	07/11/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					06/17/25 08:01	07/11/25 16:04	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.18		0.654	0.684	1.00	0.758	pCi/L	06/17/25 08:07	07/11/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					06/17/25 08:07	07/11/25 12:03	1
Y Carrier	71.4		30 - 110					06/17/25 08:07	07/11/25 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.00		0.737	0.767	5.00	0.758	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.804		0.327	0.335	1.00	0.352	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.0		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.954		0.489	0.497	1.00	0.692	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.76		0.588	0.599	5.00	0.692	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.390	U	0.269	0.271	1.00	0.390	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.06		0.456	0.466	1.00	0.607	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	78.9		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.43		0.529	0.539	5.00	0.607	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	4.93		0.751	0.872	1.00	0.420	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.42		0.928	1.10	1.00	0.717	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	79.3		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	11.4		1.19	1.40	5.00	0.717	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.10		0.390	0.402	1.00	0.410	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.2		30 - 110					06/18/25 07:46	07/14/25 16:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.08		0.495	0.505	1.00	0.663	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.2		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.4		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.17		0.630	0.645	5.00	0.663	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.461		0.255	0.258	1.00	0.314	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					06/18/25 07:46	07/14/25 16:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.18		0.513	0.524	1.00	0.697	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	76.6		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.64		0.573	0.584	5.00	0.697	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.645		0.301	0.307	1.00	0.350	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					06/18/25 07:46	07/14/25 16:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.584	U	0.373	0.376	1.00	0.584	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.08		0.479	0.485	5.00	0.584	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.830		0.304	0.313	1.00	0.329	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.637	U	0.411	0.414	1.00	0.637	pCi/L	06/19/25 07:30	07/10/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					06/19/25 07:30	07/10/25 11:49	1
Y Carrier	86.4		30 - 110					06/19/25 07:30	07/10/25 11:49	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.37		0.511	0.519	5.00	0.637	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.53		0.364	0.389	1.00	0.255	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.455	0.472	1.00	0.524	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	83.7		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.89		0.583	0.612	5.00	0.524	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.593		0.241	0.247	1.00	0.266	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.690		0.321	0.327	1.00	0.422	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	90.5		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.28		0.401	0.410	5.00	0.422	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.544		0.265	0.270	1.00	0.342	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.508	U	0.310	0.311	1.00	0.508	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	90.8		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.818		0.408	0.412	5.00	0.508	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.90		0.537	0.564	1.00	0.517	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.11		0.703	0.730	1.00	0.865	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	88.6		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.01		0.885	0.922	5.00	0.865	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.48		0.603	0.617	1.00	0.704	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.26	G	0.833	0.841	1.00	1.23	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	81.9		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.74		1.03	1.04	5.00	1.23	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.501		0.249	0.253	1.00	0.289	pCi/L	06/23/25 08:13	07/15/25 18:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					06/23/25 08:13	07/15/25 18:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.546	U	0.355	0.357	1.00	0.546	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	77.0		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.950		0.434	0.438	5.00	0.546	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.764		0.289	0.297	1.00	0.270	pCi/L	06/23/25 08:13	07/15/25 18:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					06/23/25 08:13	07/15/25 18:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.548	U	0.350	0.352	1.00	0.548	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	76.6		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.16		0.454	0.461	5.00	0.548	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.30		0.621	0.632	1.00	0.662	pCi/L	06/23/25 08:13	07/15/25 18:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.9		30 - 110					06/23/25 08:13	07/15/25 18:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.30	G	1.13	1.15	1.00	1.60	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.9		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	86.7		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.60		1.29	1.31	5.00	1.60	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.934		0.315	0.326	1.00	0.302	pCi/L	06/23/25 08:13	07/15/25 18:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					06/23/25 08:13	07/15/25 18:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.802		0.411	0.418	1.00	0.582	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	78.5		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.74		0.518	0.530	5.00	0.582	pCi/L		07/18/25 13:04	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Qualifiers

Rad

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

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Rad

Prep Batch: 722291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	PrecSep-21	
500-269641-2	G33S	Total/NA	Water	PrecSep-21	
500-269641-3	T09S	Total/NA	Water	PrecSep-21	
500-269641-4	T06S	Total/NA	Water	PrecSep-21	
500-269641-5	T05S	Total/NA	Water	PrecSep-21	
MB 160-722291/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-722291/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-1 DU	G31S	Total/NA	Water	PrecSep-21	

Prep Batch: 722292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	PrecSep_0	
500-269641-2	G33S	Total/NA	Water	PrecSep_0	
500-269641-3	T09S	Total/NA	Water	PrecSep_0	
500-269641-4	T06S	Total/NA	Water	PrecSep_0	
500-269641-5	T05S	Total/NA	Water	PrecSep_0	
MB 160-722292/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-722292/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-1 DU	G31S	Total/NA	Water	PrecSep_0	

Prep Batch: 722733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total/NA	Water	PrecSep-21	
500-269641-7	G20S	Total/NA	Water	PrecSep-21	
MB 160-722733/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-722733/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 722734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total/NA	Water	PrecSep_0	
500-269641-7	G20S	Total/NA	Water	PrecSep_0	
MB 160-722734/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-722734/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 723087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	PrecSep-21	
500-269641-9	G39S	Total/NA	Water	PrecSep-21	
500-269641-10	G46S	Total/NA	Water	PrecSep-21	
500-269641-11	G45S	Total/NA	Water	PrecSep-21	
500-269641-12	R08S	Total/NA	Water	PrecSep-21	
500-269641-13	G48S	Total/NA	Water	PrecSep-21	
MB 160-723087/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723087/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 723088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	PrecSep_0	
500-269641-9	G39S	Total/NA	Water	PrecSep_0	
500-269641-10	G46S	Total/NA	Water	PrecSep_0	
500-269641-11	G45S	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Rad (Continued)

Prep Batch: 723088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-12	R08S	Total/NA	Water	PrecSep_0	
500-269641-13	G48S	Total/NA	Water	PrecSep_0	
MB 160-723088/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723088/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 723212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	PrecSep-21	
500-269641-15	R32S	Total/NA	Water	PrecSep-21	
500-269641-16	T03S	Total/NA	Water	PrecSep-21	
500-269641-17	T13S	Total/NA	Water	PrecSep-21	
500-269641-18	T02S	Total/NA	Water	PrecSep-21	
500-269641-19	T08S	Total/NA	Water	PrecSep-21	
MB 160-723212/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723212/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-14 DU	G47S	Total/NA	Water	PrecSep-21	

Prep Batch: 723213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	PrecSep_0	
500-269641-15	R32S	Total/NA	Water	PrecSep_0	
500-269641-16	T03S	Total/NA	Water	PrecSep_0	
500-269641-17	T13S	Total/NA	Water	PrecSep_0	
500-269641-18	T02S	Total/NA	Water	PrecSep_0	
500-269641-19	T08S	Total/NA	Water	PrecSep_0	
MB 160-723213/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723213/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-14 DU	G47S	Total/NA	Water	PrecSep_0	

Prep Batch: 723853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-20	T11S	Total/NA	Water	PrecSep-21	
500-269641-21	T11S Dup	Total/NA	Water	PrecSep-21	
500-269641-22	T01S	Total/NA	Water	PrecSep-21	
500-269641-23	T12S	Total/NA	Water	PrecSep-21	
MB 160-723853/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723853/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-21 DU	T11S Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 723854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-20	T11S	Total/NA	Water	PrecSep_0	
500-269641-21	T11S Dup	Total/NA	Water	PrecSep_0	
500-269641-22	T01S	Total/NA	Water	PrecSep_0	
500-269641-23	T12S	Total/NA	Water	PrecSep_0	
MB 160-723854/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723854/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-21 DU	T11S Dup	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-722291/1-A
Matrix: Water
Analysis Batch: 726688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722291

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert.	Uncert.						
Radium-226	<0.309	U	0.167	0.167	1.00	0.309	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					06/13/25 07:20	07/10/25 15:00	1

Lab Sample ID: LCS 160-722291/2-A
Matrix: Water
Analysis Batch: 726688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722291

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	9.216		1.26	1.00	0.340	pCi/L	96	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	90.8		30 - 110						

Lab Sample ID: 500-269641-1 DU
Matrix: Water
Analysis Batch: 726688

Client Sample ID: G31S
Prep Type: Total/NA
Prep Batch: 722291

Analyte	Sample	Sample	DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	1.47		2.099		0.530	1.00	0.393	pCi/L	0.64	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	87.3		30 - 110							

Lab Sample ID: MB 160-722733/1-A
Matrix: Water
Analysis Batch: 726878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722733

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert.	Uncert.						
Radium-226	<0.259	U	0.136	0.136	1.00	0.259	pCi/L	06/17/25 08:01	07/11/25 15:59	1
Carrier	%Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					06/17/25 08:01	07/11/25 15:59	1

Lab Sample ID: LCS 160-722733/2-A
Matrix: Water
Analysis Batch: 726878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722733

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	8.811		1.22	1.00	0.402	pCi/L	92	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: LCS 160-722733/2-A
Matrix: Water
Analysis Batch: 726878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722733

LCS		LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.0		30 - 110

Lab Sample ID: MB 160-723087/1-A
Matrix: Water
Analysis Batch: 727217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723087

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.309	U	0.148	0.148	1.00	0.309	pCi/L	06/18/25 07:46	07/14/25 16:47	1
Carrier		MB	MB	Limits	Prepared		Analyzed		Dil Fac	
Ba Carrier		90.2		30 - 110	06/18/25 07:46		07/14/25 16:47		1	

Lab Sample ID: LCS 160-723087/2-A
Matrix: Water
Analysis Batch: 727217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723087

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	9.201		1.26	1.00	0.403	pCi/L	96	75 - 125
Carrier		LCS	LCS	Limits	Prepared		Analyzed		Dil Fac
Ba Carrier		86.2		30 - 110	06/18/25 07:46		07/14/25 16:47		1

Lab Sample ID: MB 160-723212/1-A
Matrix: Water
Analysis Batch: 726879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723212

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.270	U	0.157	0.157	1.00	0.270	pCi/L	06/19/25 07:25	07/11/25 07:32	1
Carrier		MB	MB	Limits	Prepared		Analyzed		Dil Fac	
Ba Carrier		78.2		30 - 110	06/19/25 07:25		07/11/25 07:32		1	

Lab Sample ID: LCS 160-723212/2-A
Matrix: Water
Analysis Batch: 726879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723212

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	8.822		1.12	1.00	0.253	pCi/L	92	75 - 125
Carrier		LCS	LCS	Limits	Prepared		Analyzed		Dil Fac
Ba Carrier		93.5		30 - 110	06/19/25 07:25		07/11/25 07:32		1

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: 500-269641-14 DU
Matrix: Water
Analysis Batch: 726879

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 723212

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.830		0.8576		0.282	1.00	0.254	pCi/L	0.05	1
Carrier	%Yield	DU Qualifier	Limits							
Ba Carrier	92.0		30 - 110							

Lab Sample ID: MB 160-723853/1-A
Matrix: Water
Analysis Batch: 727412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723853

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.330	U	0.183	0.183	1.00	0.330	pCi/L	06/23/25 08:13	07/15/25 18:32	1
Carrier	%Yield	MB Qualifier	Limits		Prepared		Analyzed		Dil Fac	
Ba Carrier	85.0		30 - 110		06/23/25 08:13		07/15/25 18:32		1	

Lab Sample ID: LCS 160-723853/2-A
Matrix: Water
Analysis Batch: 727412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723853

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-226	9.58	9.386		1.27	1.00	0.319	pCi/L	98	75 - 125
Carrier	LCS %Yield	LCS Qualifier		Limits					
Ba Carrier	84.2			30 - 110					

Lab Sample ID: 500-269641-21 DU
Matrix: Water
Analysis Batch: 727412

Client Sample ID: T11S Dup
Prep Type: Total/NA
Prep Batch: 723853

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.764		0.6548		0.281	1.00	0.285	pCi/L	0.19	1
Carrier	%Yield	DU Qualifier	Limits							
Ba Carrier	91.0		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-722292/1-A
Matrix: Water
Analysis Batch: 726668

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722292

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.496	U	0.280	0.280	1.00	0.496	pCi/L	06/13/25 07:29	07/10/25 11:53	1

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110	06/13/25 07:29	07/10/25 11:53	1
Y Carrier	83.7		30 - 110	06/13/25 07:29	07/10/25 11:53	1

Lab Sample ID: LCS 160-722292/2-A
 Matrix: Water
 Analysis Batch: 726668

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 722292

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.27	10.66		1.37	1.00	0.417	pCi/L	115	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	88.6		30 - 110

Lab Sample ID: 500-269641-1 DU
 Matrix: Water
 Analysis Batch: 726668

Client Sample ID: G31S
 Prep Type: Total/NA
 Prep Batch: 722292

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	1.14		1.040		0.439	1.00	0.554	pCi/L	0.12	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.3		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: MB 160-722734/1-A
 Matrix: Water
 Analysis Batch: 726878

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 722734

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.489	U	0.284	0.284	1.00	0.489	pCi/L	06/17/25 08:07	07/11/25 11:55	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110	06/17/25 08:07	07/11/25 11:55	1
Y Carrier	89.0		30 - 110	06/17/25 08:07	07/11/25 11:55	1

Lab Sample ID: LCS 160-722734/2-A
 Matrix: Water
 Analysis Batch: 726878

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 722734

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.27	10.49		1.41	1.00	0.580	pCi/L	113	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.0		30 - 110
Y Carrier	83.0		30 - 110

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: MB 160-723088/1-A
Matrix: Water
Analysis Batch: 727174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723088

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.508	U	0.216	0.218	1.00	0.508	pCi/L	06/18/25 07:53	07/14/25 11:49	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	90.2		30 - 110		06/18/25 07:53	07/14/25 11:49	1			
Y Carrier	86.4		30 - 110		06/18/25 07:53	07/14/25 11:49	1			

Lab Sample ID: LCS 160-723088/2-A
Matrix: Water
Analysis Batch: 727174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723088

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-228	9.26	10.53		1.41	1.00	0.483	pCi/L	114	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	86.2		30 - 110						
Y Carrier	83.4		30 - 110						

Lab Sample ID: MB 160-723213/1-A
Matrix: Water
Analysis Batch: 726667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723213

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.7052		0.463	0.468	1.00	0.696	pCi/L	06/19/25 07:30	07/10/25 11:49	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	78.2		30 - 110		06/19/25 07:30	07/10/25 11:49	1			
Y Carrier	89.0		30 - 110		06/19/25 07:30	07/10/25 11:49	1			

Lab Sample ID: LCS 160-723213/2-A
Matrix: Water
Analysis Batch: 726667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723213

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-228	9.27	9.630		1.34	1.00	0.646	pCi/L	104	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	93.5		30 - 110						
Y Carrier	84.5		30 - 110						

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: 500-269641-14 DU
Matrix: Water
Analysis Batch: 726668

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 723213

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	RER
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					Limit
Radium-228	<0.637	U	0.6356		0.375	1.00	0.540	pCi/L	0.12	1
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	92.0		30 - 110							
Y Carrier	86.4		30 - 110							

Lab Sample ID: MB 160-723854/1-A
Matrix: Water
Analysis Batch: 727408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723854

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.580	U	0.373	0.375	1.00	0.580	pCi/L	06/23/25 08:18	07/15/25 11:59	1
MB MB										
Carrier	%Yield	Qualifier	Limits		Prepared		Analyzed		Dil Fac	
Ba Carrier	85.0		30 - 110		06/23/25 08:18		07/15/25 11:59		1	
Y Carrier	80.0		30 - 110		06/23/25 08:18		07/15/25 11:59		1	

Lab Sample ID: LCS 160-723854/2-A
Matrix: Water
Analysis Batch: 727408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723854

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits	
		Result	Qual	Uncert. (2σ+/-)						
Radium-228	9.26	11.76		1.55	1.00	0.502	pCi/L	127	75 - 125	
LCS LCS										
Carrier	%Yield	Qualifier		Limits						
Ba Carrier	84.2			30 - 110						
Y Carrier	81.9			30 - 110						

Lab Sample ID: 500-269641-21 DU
Matrix: Water
Analysis Batch: 727408

Client Sample ID: T11S Dup
Prep Type: Total/NA
Prep Batch: 723854

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	RER
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					Limit
Radium-228	<0.548	U	0.8942		0.439	1.00	0.589	pCi/L	0.63	1
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	91.0		30 - 110							
Y Carrier	73.6		30 - 110							

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Chain of Custody Record

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Client Information		Sampler: <i>Noe L., John H</i>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page 1 of 3	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		TAT Requested (days)		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No		Job #: <i>500-269641</i>	
City: Joliet		PO #: 4502187984		WO #:		Project #: 50011504		Preservation Codes: D HNO3, N None	
State Zip: IL, 60436		Project Name: Joliet #9 CCR		Project #:		SSOW#:		Site: Illinois	
Phone		Email: james.thorne@nrg.com		Sample Identification		Sample Date		Sample Time	
Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Sample Type (C=Comp, G=grab)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Preservation Code		D D D D N		903.0 - Standard Target List		Ra226Ra228_GFPCC - Local Method		904.0 - Standard Target List	
Special Instructions/Note				6020A, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		500-269641 COC	
0005		T09S		06/10/25		1017		Water	
0200		T06S		06/10/25		1203		Water	
0325		T05S		06/10/25		1411		Water	
0445								Water	
0450								Water	
0465								Water	
0470								Water	
0485								Water	
0490								Water	
0505								Water	
0510								Water	
0525								Water	
0530								Water	
0545								Water	
0550								Water	
0565								Water	
0570								Water	
0585								Water	
0590								Water	
0605								Water	
0610								Water	
0625								Water	
0630								Water	
0645								Water	
0650								Water	
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0670								Water	
0685								Water	
0690								Water	
0705								Water	
0710								Water	
0725								Water	
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0805								Water	
0810								Water	
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0885								Water	
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2170								Water	
2185								Water	
2190								Water	
2205									

Eurofins Chicago

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

Chain of Custody Record

eurofins | an i l l o i n e

Client Information		Sampler: <i>Noe L.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 2	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofins.com		State of Origin		Page: Page 2 of 3	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> 903.0 - Standard Target List Ra226Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1E, SM4500_S04_LE		Total Number of containers		Job #: <i>500-269641</i>	
City: Joliet		TAT Requested (days)						Preservation Codes D HNO3 N None	
State/Zip: IL, 60436		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No						Other	
Phone		PO #: 4502187984							
Email: james.thorne@nrg.com		WO #:							
Project Name: Joliet #9 CCR		Project #: 50011504		SSOW#:		Special Instructions/Note:			
Site: Illinois		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
G318		06/10/25		1023		Water		Water	
G338		06/11/25		1225		Water		Water	
F018						Water		Water	
F025						Water		Water	
F048						Water		Water	
F068						Water		Water	
F088						Water		Water	
F088						Water		Water	
F095						Water		Water	
T125						Water		Water	
T135						Water		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>[Signature]</i>		Date/Time: <i>06/10/25 1514</i>		Company: <i>EETA</i>		Received by: <i>[Signature]</i>		Date/Time: <i>6/11/25 1514</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
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>2.0 → 2.3</i>					

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 Tinley Park IL 60487
 Phone 708-534-5200 Fax 708 534-5211

Chain of Custody Record

eurofins

Client Information		Sampler <i>Noe L</i>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 3							
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et eurofinsus.com		State of Origin		Page Page 3 of 3							
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-21e941</i>					
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPFC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C SM4500_CLE, SM4500_SO4_E		 500-269641 COC		Preservation Codes D HNO3 N None							
City Joliet		TAT Requested (days)													
State Zip IL 60436		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone		PO # 4502187984													
Email james.thorne@nrg.com		WO #													
Project Name Joliet #9 CCR		Project # 50011504													
Site Illinois		SSOW#						Other:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228_GFPFC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C SM4500_CLE, SM4500_SO4_E	Total Number of containers	Special Instructions/Note	
12 1440 <i>R08S</i>		<i>06/13/25</i>	<i>1034</i>		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
13 620S <i>G48S</i>		<i>06/13/25</i>	<i>1223</i>		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Possible Hazard Identification		<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		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<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>[Signature]</i>		Date/Time <i>06/13/25 1514</i>		Company <i>EETA</i>		Received by <i>Stephane Hernandez</i>		Date/Time <i>6/13/25 1514</i>		Company <i>EETA</i>					
Relinquished by		Date/Time		Company		Received by		Date/Time		Company					
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		<i>0.3 → 0.9</i>									

Eurofins Chicago

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Chain of Custody Record

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 Environment Testing

Client Information				Sampler Noe Lopez /		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1															
Client Contact: James Thorne				Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page Page															
Company Midwest Generation EME LLC				PWSID		Analysis Requested						Job # 500-269641													
Address 1800 Channahon Road				Due Date Requested		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>903.0 - Standard Target List</td> <td>Ra226Ra228_GFPCC - Local Method</td> <td>904.0 - Standard Target List</td> <td>6020A, 7470A</td> <td>2540C, 4500_F_C, SM4500_CI_E, SM4500_SO4_E</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228_GFPCC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CI_E, SM4500_SO4_E							Preservation Codes D - HNO3 N - None
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228_GFPCC - Local Method	904.0 - Standard Target List	6020A, 7470A							2540C, 4500_F_C, SM4500_CI_E, SM4500_SO4_E													
City Joliet				TAT Requested (days)								Other:													
State/Zip IL, 60436				Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Phone 500-269641 COC				PO #: 4502187984																					
Email james.thorne@nrg.com				WO #:																					
Project Name Joliet #9 CCR				Project #: 50011504		Total Number of containers						Special Instructions/Note:													
Site Illinois				SSOW#:																					
Sample Identification				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Raz226Ra228_GFPCC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CI_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note:									
14 15 16 17				G475	06/16/25	1010	Water			/	/	/	/	/	5										
				R325	06/16/25	1134	Water			/	/	/	/	/	5										
				T035	06/16/25	1315	Water			/	/	/	/	/	5										
				T135	06/16/25	1410	Water			/	/	/	/	/	5										
							Water																		
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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		Date/Time		Company		Received by		Date/Time		Company															
Relinquished by		Date/Time		Company		Received by		Date/Time		Company															
Relinquished by		Date/Time		Company		Received by		Date/Time		Company															
Custody Seals Intact.		Custody Seal No		Cooler Temperature(s) °C and Other Remarks																					
<input type="checkbox"/> Yes <input type="checkbox"/> No				28-23.1																					

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab Piv. Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-202203.1
Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-269641-2	Preservation Codes:
Address: 13715 Rider Trail North,		Due Date Requested: 7/15/2025		Analysis Requested:	
City: Earth City		TAT Requested (days): N/A		Total Number of Containers: 3	
State, Zip: MO, 63045		PO #: N/A		903.0/PreSep_21 Standard Target List	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		904.0/PreSep_0 Standard Target List	
Email: N/A		Project #: 50011504		Perform MS/MSD (Yes or No)	
Project Name: Joliet #9 (Quarry) CCR (RAD)		SSOW#: N/A		Field Filtered Sample (Yes or No)	
Site: NRG Midwest Generation LSQ Joliet #9 CCR		Sample Date		Sample Time	
Sample Identification - Client ID (Lab ID)		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, Other)	
G44S (500-269641-8)	6/12/25	10:44 Central	G	Water	Preservation Code:
G39S (500-269641-9)	6/12/25	11:46 Central	G	Water	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
G46S (500-269641-10)	6/12/25	13:18 Central	G	Water	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
G46S (500-269641-11)	6/12/25	14:25 Central	G	Water	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
R08S (500-269641-12)	6/13/25	10:34 Central	G	Water	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
G48S (500-269641-13)	6/13/25	12:23 Central	G	Water	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
<p>Possible Hazard Identification</p> <p>Unconfirmed 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> <p>Special Instructions/QC Requirements:</p>					
Empty Kit Relinquished by:		Date:		Method of Shipment:	
Relinquished by: <i>[Signature]</i>		Date: 6/16/25 0938		Company: Company	
Relinquished by: <i>[Signature]</i>		Date/Time: 6/17/2025 0840		Company: Company	
Relinquished by: <i>[Signature]</i>		Date/Time: Meadow Pinette		Company: Company	
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: 500-269641-2

Login Number: 269641

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5,1.8,2.3,2.3,0.9,3.1,2.5,1.8,0.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/11/25 11:48 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/12/25 12:26 PM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/13/25 12:52 PM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 06/17/25 11:48 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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/18/25 11:37 AM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/20/25 01:23 PM

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

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

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:01
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:01
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722733	JTR	EET SL	06/17/25 08:01
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 16:04
Total/NA	Prep	PrecSep_0			722734	JTR	EET SL	06/17/25 08:07
Total/NA	Analysis	904.0		1	726879	SWS	EET SL	07/11/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722733	JTR	EET SL	06/17/25 08:01
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 16:04
Total/NA	Prep	PrecSep_0			722734	JTR	EET SL	06/17/25 08:07
Total/NA	Analysis	904.0		1	726879	SWS	EET SL	07/11/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726667	FLC	EET SL	07/10/25 11:49
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:34
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:35
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:35
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727408	SWS	EET SL	07/15/25 18:41
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25 *
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-25 *
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-25 *
Missouri	State	780	06-30-25 *
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-25 *
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	08-02-25
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25 *
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

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

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-269641-1	G31S	90.8	
500-269641-1 DU	G31S	87.3	
500-269641-2	G33S	85.6	
500-269641-3	T09S	91.8	
500-269641-4	T06S	87.3	
500-269641-5	T05S	94.5	
500-269641-6	G30S	86.7	
500-269641-7	G20S	79.7	
500-269641-8	G44S	82.0	
500-269641-9	G39S	90.7	
500-269641-10	G46S	76.2	
500-269641-11	G45S	79.2	
500-269641-12	R08S	87.0	
500-269641-13	G48S	84.7	
500-269641-14	G47S	88.7	
500-269641-14 DU	G47S	92.0	
500-269641-15	R32S	82.2	
500-269641-16	T03S	93.7	
500-269641-17	T13S	88.2	
500-269641-18	T02S	77.2	
500-269641-19	T08S	74.4	
500-269641-20	T11S	91.0	
500-269641-21	T11S Dup	86.2	
500-269641-21 DU	T11S Dup	91.0	
500-269641-22	T01S	65.9	
500-269641-23	T12S	95.7	
LCS 160-722291/2-A	Lab Control Sample	90.8	
LCS 160-722733/2-A	Lab Control Sample	89.0	
LCS 160-723087/2-A	Lab Control Sample	86.2	
LCS 160-723212/2-A	Lab Control Sample	93.5	
LCS 160-723853/2-A	Lab Control Sample	84.2	
MB 160-722291/1-A	Method Blank	92.8	
MB 160-722733/1-A	Method Blank	89.0	
MB 160-723087/1-A	Method Blank	90.2	
MB 160-723212/1-A	Method Blank	78.2	
MB 160-723853/1-A	Method Blank	85.0	

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-269641-1	G31S	90.8	83.7
500-269641-1 DU	G31S	87.3	80.0
500-269641-2	G33S	85.6	77.4
500-269641-3	T09S	91.8	80.0

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-269641-4	T06S	87.3	82.2
500-269641-5	T05S	94.5	86.7
500-269641-6	G30S	86.7	54.6
500-269641-7	G20S	79.7	71.4
500-269641-8	G44S	82.0	77.0
500-269641-9	G39S	90.7	78.9
500-269641-10	G46S	76.2	79.3
500-269641-11	G45S	79.2	77.4
500-269641-12	R08S	87.0	76.6
500-269641-13	G48S	84.7	77.0
500-269641-14	G47S	88.7	86.4
500-269641-14 DU	G47S	92.0	86.4
500-269641-15	R32S	82.2	83.7
500-269641-16	T03S	93.7	90.5
500-269641-17	T13S	88.2	90.8
500-269641-18	T02S	77.2	88.6
500-269641-19	T08S	74.4	81.9
500-269641-20	T11S	91.0	77.0
500-269641-21	T11S Dup	86.2	76.6
500-269641-21 DU	T11S Dup	91.0	73.6
500-269641-22	T01S	65.9	86.7
500-269641-23	T12S	95.7	78.5
LCS 160-722292/2-A	Lab Control Sample	90.8	88.6
LCS 160-722734/2-A	Lab Control Sample	89.0	83.0
LCS 160-723088/2-A	Lab Control Sample	86.2	83.4
LCS 160-723213/2-A	Lab Control Sample	93.5	84.5
LCS 160-723854/2-A	Lab Control Sample	84.2	81.9
MB 160-722292/1-A	Method Blank	92.8	83.7
MB 160-722734/1-A	Method Blank	89.0	89.0
MB 160-723088/1-A	Method Blank	90.2	86.4
MB 160-723213/1-A	Method Blank	78.2	89.0
MB 160-723854/1-A	Method Blank	85.0	80.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier