

DATA SUMMARY POSTING

Station: Midwest Generation Joliet #9 Generating Station

Regulated Unit(s): Lincoln Stone Quarry (BOL Log No. 2021-482)

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 3rd quarter 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	< 5.0	< 0.0010	< 0.00050	< 0.031	< 0.00020	0.0083	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		
	9/18/2025	0.46	96	130	0.40	7.34	160	720	< 0.0030	0.0090	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.013	2.64	< 0.0025	< 0.0020	0.61		
	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										

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	< 0.0010	< 0.010	< 0.0020	< 0.0010	0.25	< 0.00020	0.64	0.821	0.021	< 0.0020	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		
	9/16/2025	7.6	130	81	0.14	7.70	360	840	< 0.0030	0.0021	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.12	< 0.00020	0.27	2.49	0.0028	< 0.0020	0.61		
	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	< 0.00020	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	0.011	< 0.00050	0.040	< 0.00020	0.014	2.79	< 0.0025	< 0.0020	NA	
		8/23/2016	1.3	56	13																				

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	0.040	< 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	200	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		
	9/18/2025	4.5	68	190	0.87	7.93	480	1300	< 0.0030	< 0.0010	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	< 0.0050	3.17	F1 < 0.0025	< 0.0020	0.89		
	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	< 0.00050	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	0.00														

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	0.19	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	0.056	< 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		
	9/19/2025	1.7	130	57	0.24	7.01	160	710	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.00020	0.20	1.92	< 0.0025	< 0.0020	1.79		
	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</																			

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	< 0.00050	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	< 0.00050	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	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	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	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	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	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	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	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	100	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	91	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		
	9/15/2025	6.9	11	87	0.58	9.09	430	1000	< 0.0030	0.027	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.056	< 0.00020	0.51	1.03	< 0.0025	< 0.0020	0.36		
	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	120	1.4	9.60	480	1100	< 0.0030	0.038	0.011	< 0.0010	^ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	<						

ANALYTICAL REPORT

PREPARED FOR

Attn: Kaelyn Sperle
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005
Generated 09/29/25 14:14:05 Revision 1

JOB DESCRIPTION

Joliet #9 CCR 3Q25

JOB NUMBER

500-274319-1

Eurofins Chicago

Job Notes

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Authorization



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Revision 1

Authorized for release by
Dirk Nelson, Project Management Assistant II
Dirk.Nelson@et.eurofinsus.com
Designee for
Diana Mockler, Project Manager I
Diana.Mockler@et.eurofinsus.com
(219)252-7570

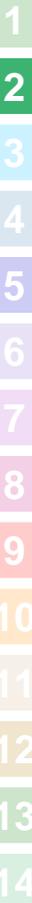


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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Job ID: 500-274319-1

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Job Narrative 500-274319-1

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

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

Revision

The report being provided is a revision of the original report sent on 09/26/25. The report (revision 1) is being revised due to: Correct sample #4 ID from T03S to T02S as listed on COC.

Receipt

The samples were received on 09/09/25 15:35, 09/10/25 15:50, 09/11/25 15:50, 09/12/25 15:40, 09/15/25 16:15, 09/16/25 15:44, 09/18/25 14:50 and 09/19/25 13:20. 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 -0.1°C, 0.4°C, 0.6°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C and 1.9°C.

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: T09S (500-274319-1). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: T08S (500-274319-5), T05S (500-274319-9), G48S (500-274319-15), G47S (500-274319-16), G46S (500-274319-18) and R08S (500-274319-19). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: G30S (500-274319-20), (500-274319-A-20-B DU), (500-274319-A-20-C MS), (500-274319-A-20-D MSD) and (500-274319-A-20-A SD).

Method 7470A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Calibration curve improved noticeably after removing 10ppb standard. Curve used goes to 5ppb with any sample data above diluted

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

General Chemistry

Method SM4500_Cl_E: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-833835 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

Field Service / Mobile Lab

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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 3Q25

Job ID: 500-274319-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-274319-1	T09S	Water	09/09/25 10:03	09/09/25 15:35	Illinois
500-274319-2	T06S	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-3	T06S Dup	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-4	T02S	Water	09/10/25 09:46	09/10/25 15:50	Illinois
500-274319-5	T08S	Water	09/10/25 12:40	09/10/25 15:50	Illinois
500-274319-6	T03S	Water	09/10/25 14:21	09/10/25 15:50	Illinois
500-274319-7	T01S	Water	09/11/25 09:48	09/11/25 15:50	Illinois
500-274319-8	T11S	Water	09/11/25 11:49	09/11/25 15:50	Illinois
500-274319-9	T05S	Water	09/11/25 14:09	09/11/25 15:50	Illinois
500-274319-10	G31S	Water	09/12/25 09:19	09/12/25 15:40	Illinois
500-274319-11	G33S	Water	09/12/25 10:23	09/12/25 15:40	Illinois
500-274319-12	T12S	Water	09/12/25 12:10	09/12/25 15:40	Illinois
500-274319-13	G41S	Water	09/12/25 13:21	09/12/25 15:40	Illinois
500-274319-14	G42S	Water	09/15/25 09:54	09/15/25 16:15	Illinois
500-274319-15	G48S	Water	09/15/25 13:10	09/15/25 16:15	Illinois
500-274319-16	G47S	Water	09/15/25 14:41	09/15/25 16:15	Illinois
500-274319-17	G20S	Water	09/16/25 10:35	09/16/25 15:44	Illinois
500-274319-18	G46S	Water	09/16/25 13:30	09/16/25 15:44	Illinois
500-274319-19	R08S	Water	09/16/25 14:26	09/16/25 15:44	Illinois
500-274319-20	G30S	Water	09/18/25 10:03	09/18/25 14:50	Illinois
500-274319-21	R32S	Water	09/18/25 12:09	09/18/25 14:50	Illinois
500-274319-22	G45S	Water	09/18/25 13:31	09/18/25 14:50	Illinois
500-274319-23	T13S	Water	09/19/25 09:19	09/19/25 13:20	Illinois
500-274319-24	G44S	Water	09/19/25 10:34	09/19/25 13:20	Illinois
500-274319-25	G39S	Water	09/19/25 12:13	09/19/25 13:20	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 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		09/10/25 08:07	09/10/25 16:49	1
Arsenic	0.0021		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Barium	0.062		0.0025		mg/L		09/10/25 08:07	09/10/25 16:49	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Boron	5.8		0.25		mg/L		09/10/25 08:07	09/12/25 12:22	5
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Calcium	140		0.20		mg/L		09/10/25 08:07	09/10/25 16:49	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Lithium	0.11		0.010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Molybdenum	0.80		0.0050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:49	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	860		10		mg/L			09/15/25 02:09	1
Chloride (SM 4500 Cl- E)	61		4.0		mg/L			09/14/25 11:38	2
Fluoride (SM 4500 F C)	0.29		0.10		mg/L			09/23/25 14:57	1
Sulfate (SM 4500 SO4 E)	410		50		mg/L			09/14/25 13:30	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.15				ft			09/09/25 10:03	1
Depth to Water (ft from MP)	105.55				ft			09/09/25 10:03	1
Elevation of well (ft from MP)	603.49				ft			09/09/25 10:03	1
Field pH	7.35				SU			09/09/25 10:03	1
Field Temperature	56.5				Degrees F			09/09/25 10:03	1
Ground Water Elevation	497.94				ft			09/09/25 10:03	1
Specific Conductance	1364				umhos/cm			09/09/25 10:03	1
Well bottom elevation	444.80				ft			09/09/25 10:03	1
Field Turbidity	24.40				NTU			09/09/25 10:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 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		09/10/25 08:07	09/10/25 16:56	1
Arsenic	0.0015		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Barium	0.035		0.0025		mg/L		09/10/25 08:07	09/10/25 16:56	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Boron	1.3		0.050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Calcium	89		0.20		mg/L		09/10/25 08:07	09/10/25 16:56	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Lithium	0.026		0.010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Molybdenum	0.041		0.0050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:56	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	480		10		mg/L			09/15/25 02:12	1
Chloride (SM 4500 Cl- E)	15		2.0		mg/L			09/14/25 11:18	1
Fluoride (SM 4500 F C)	0.50		0.10		mg/L			09/23/25 15:04	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			09/14/25 13:52	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.28				ft			09/09/25 12:08	1
Depth to Water (ft from MP)	118.58				ft			09/09/25 12:08	1
Elevation of well (ft from MP)	621.05				ft			09/09/25 12:08	1
Field pH	7.43				SU			09/09/25 12:08	1
Field Temperature	77.7				Degrees F			09/09/25 12:08	1
Ground Water Elevation	502.47				ft			09/09/25 12:08	1
Specific Conductance	756				umhos/cm			09/09/25 12:08	1
Well bottom elevation	447.94				ft			09/09/25 12:08	1
Field Turbidity	5.25				NTU			09/09/25 12:08	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 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		09/10/25 08:07	09/10/25 16:58	1
Arsenic	0.0014		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Barium	0.035		0.0025		mg/L		09/10/25 08:07	09/10/25 16:58	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Boron	1.3		0.050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Calcium	89		0.20		mg/L		09/10/25 08:07	09/10/25 16:58	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Lithium	0.026		0.010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Molybdenum	0.040		0.0050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:58	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	450		10		mg/L			09/15/25 02:14	1
Chloride (SM 4500 Cl- E)	12		2.0		mg/L			09/14/25 11:18	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			09/23/25 15:06	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			09/14/25 13:53	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.28				ft			09/09/25 12:08	1
Depth to Water (ft from MP)	118.58				ft			09/09/25 12:08	1
Elevation of well (ft from MP)	621.05				ft			09/09/25 12:08	1
Field pH	7.43				SU			09/09/25 12:08	1
Field Temperature	77.7				Degrees F			09/09/25 12:08	1
Ground Water Elevation	502.47				ft			09/09/25 12:08	1
Specific Conductance	756				umhos/cm			09/09/25 12:08	1
Well bottom elevation	447.94				ft			09/09/25 12:08	1
Field Turbidity	5.25				NTU			09/09/25 12:08	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

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		09/17/25 08:22	09/19/25 14:07	1
Arsenic	0.0054		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Barium	0.11		0.0025		mg/L		09/17/25 08:22	09/19/25 14:07	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Boron	3.5		0.050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Calcium	84		0.20		mg/L		09/17/25 08:22	09/19/25 14:07	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Cobalt	0.0018		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Lead	0.0028		0.00050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Lithium	0.035		0.010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Molybdenum	0.31		0.0050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:07	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			09/16/25 03:37	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			09/14/25 12:47	5
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			09/23/25 15:09	1
Sulfate (SM 4500 SO4 E)	330		50		mg/L			09/14/25 13:31	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	134.33				ft			09/10/25 09:46	1
Depth to Water (ft from MP)	136.66				ft			09/10/25 09:46	1
Elevation of well (ft from MP)	626.14				ft			09/10/25 09:46	1
Field pH	7.27				SU			09/10/25 09:46	1
Field Temperature	60.1				Degrees F			09/10/25 09:46	1
Ground Water Elevation	489.48				ft			09/10/25 09:46	1
Specific Conductance	1402				umhos/cm			09/10/25 09:46	1
Well bottom elevation	453.40				ft			09/10/25 09:46	1
Field Turbidity	99.10				NTU			09/10/25 09:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

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		09/17/25 08:22	09/19/25 14:09	1
Arsenic	0.014		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Barium	0.037		0.0025		mg/L		09/17/25 08:22	09/19/25 14:09	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Boron	8.4		0.25		mg/L		09/17/25 08:22	09/22/25 16:34	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Calcium	26		0.20		mg/L		09/17/25 08:22	09/19/25 14:09	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Lithium	0.048		0.010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Molybdenum	0.76		0.0050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:09	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			09/16/25 03:45	1
Chloride (SM 4500 Cl- E)	89		10		mg/L			09/14/25 12:47	5
Fluoride (SM 4500 F C)	0.66		0.10		mg/L			09/23/25 15:12	1
Sulfate (SM 4500 SO4 E)	500		50		mg/L			09/14/25 13:31	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	129.41				ft			09/10/25 12:40	1
Depth to Water (ft from MP)	131.79				ft			09/10/25 12:40	1
Elevation of well (ft from MP)	627.43				ft			09/10/25 12:40	1
Field pH	9.16				SU			09/10/25 12:40	1
Field Temperature	75.2				Degrees F			09/10/25 12:40	1
Ground Water Elevation	495.64				ft			09/10/25 12:40	1
Specific Conductance	1466				umhos/cm			09/10/25 12:40	1
Well bottom elevation	447.38				ft			09/10/25 12:40	1
Field Turbidity	5.56				NTU			09/10/25 12:40	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

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		09/17/25 08:22	09/19/25 14:19	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Barium	0.053		0.0025		mg/L		09/17/25 08:22	09/19/25 14:19	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Boron	0.38		0.050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Calcium	110		0.20		mg/L		09/17/25 08:22	09/19/25 14:19	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Molybdenum	0.022		0.0050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:19	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	810		10		mg/L			09/16/25 03:50	1
Chloride (SM 4500 Cl- E)	75		4.0		mg/L			09/14/25 12:47	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			09/23/25 15:15	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			09/14/25 13:31	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	137.18				ft			09/10/25 14:21	1
Depth to Water (ft from MP)	140.26				ft			09/10/25 14:21	1
Elevation of well (ft from MP)	629.73				ft			09/10/25 14:21	1
Field pH	7.13				SU			09/10/25 14:21	1
Field Temperature	56.3				Degrees F			09/10/25 14:21	1
Ground Water Elevation	489.47				ft			09/10/25 14:21	1
Specific Conductance	1100				umhos/cm			09/10/25 14:21	1
Well bottom elevation	456.70				ft			09/10/25 14:21	1
Field Turbidity	0.46				NTU			09/10/25 14:21	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

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		09/17/25 08:22	09/19/25 14:22	1
Arsenic	0.016		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Barium	0.10		0.0025		mg/L		09/17/25 08:22	09/19/25 14:22	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Boron	3.9		0.050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Calcium	67		0.20		mg/L		09/17/25 08:22	09/19/25 14:22	1
Chromium	0.022		0.0050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Cobalt	0.011		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Lead	0.0090		0.00050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Lithium	0.028		0.010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Molybdenum	0.28		0.0050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:22	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	870		10		mg/L			09/16/25 03:53	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			09/14/25 12:48	5
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			09/23/25 15:26	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			09/14/25 13:32	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	125.70				ft			09/11/25 09:48	1
Depth to Water (ft from MP)	128.18				ft			09/11/25 09:48	1
Elevation of well (ft from MP)	621.83				ft			09/11/25 09:48	1
Field pH	7.93				SU			09/11/25 09:48	1
Field Temperature	62.2				Degrees F			09/11/25 09:48	1
Ground Water Elevation	493.65				ft			09/11/25 09:48	1
Specific Conductance	1483				umhos/cm			09/11/25 09:48	1
Well bottom elevation	451.46				ft			09/11/25 09:48	1
Field Turbidity	761.00				NTU			09/11/25 09:48	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

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		09/17/25 08:22	09/19/25 14:29	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Barium	0.042		0.0025		mg/L		09/17/25 08:22	09/19/25 14:29	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Boron	0.20		0.050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Calcium	100		0.20		mg/L		09/17/25 08:22	09/19/25 14:29	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Lithium	0.018		0.010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:29	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	620		10		mg/L			09/16/25 03:55	1
Chloride (SM 4500 Cl- E)	38	F1	2.0		mg/L			09/14/25 12:24	1
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			09/23/25 15:29	1
Sulfate (SM 4500 SO4 E)	190		25		mg/L			09/14/25 13:35	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.99				ft			09/11/25 11:49	1
Depth to Water (ft from MP)	75.73				ft			09/11/25 11:49	1
Elevation of well (ft from MP)	559.40				ft			09/11/25 11:49	1
Field pH	7.33				SU			09/11/25 11:49	1
Field Temperature	80.9				Degrees F			09/11/25 11:49	1
Ground Water Elevation	483.67				ft			09/11/25 11:49	1
Specific Conductance	869				umhos/cm			09/11/25 11:49	1
Well bottom elevation	445.60				ft			09/11/25 11:49	1
Field Turbidity	55.40				NTU			09/11/25 11:49	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

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		09/17/25 08:22	09/19/25 14:31	1
Arsenic	0.13		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Barium	0.0083		0.0025		mg/L		09/17/25 08:22	09/19/25 14:31	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Boron	13		0.50		mg/L		09/17/25 08:22	09/22/25 16:37	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Calcium	2.2		0.20		mg/L		09/17/25 08:22	09/19/25 14:31	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Lithium	0.024		0.010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Molybdenum	0.98		0.0050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Selenium	0.0039		0.0025		mg/L		09/17/25 08:22	09/19/25 14:31	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			09/16/25 03:58	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			09/14/25 12:49	5
Fluoride (SM 4500 F C)	1.7		0.10		mg/L			09/23/25 15:32	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			09/14/25 13:53	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.92				ft			09/11/25 14:09	1
Depth to Water (ft from MP)	126.32				ft			09/11/25 14:09	1
Elevation of well (ft from MP)	623.41				ft			09/11/25 14:09	1
Field pH	10.50				SU			09/11/25 14:09	1
Field Temperature	65.7				Degrees F			09/11/25 14:09	1
Ground Water Elevation	497.09				ft			09/11/25 14:09	1
Specific Conductance	2346				umhos/cm			09/11/25 14:09	1
Well bottom elevation	448.35				ft			09/11/25 14:09	1
Field Turbidity	1.17				NTU			09/11/25 14:09	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

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		09/17/25 08:22	09/19/25 14:46	1
Arsenic	0.0019		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Barium	0.044		0.0025		mg/L		09/17/25 08:22	09/19/25 14:46	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Boron	2.6		0.050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Calcium	150		0.20		mg/L		09/17/25 08:22	09/19/25 14:46	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Lithium	0.070		0.010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Molybdenum	0.45		0.0050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:46	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/16/25 04:01	1
Chloride (SM 4500 Cl- E)	160		10		mg/L			09/14/25 12:49	5
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			09/23/25 15:35	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			09/14/25 13:34	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.32				ft			09/12/25 09:19	1
Depth to Water (ft from MP)	29.90				ft			09/12/25 09:19	1
Elevation of well (ft from MP)	535.67				ft			09/12/25 09:19	1
Field pH	7.18				SU			09/12/25 09:19	1
Field Temperature	59.4				Degrees F			09/12/25 09:19	1
Ground Water Elevation	505.77				ft			09/12/25 09:19	1
Specific Conductance	1683				umhos/cm			09/12/25 09:19	1
Well bottom elevation	453.36				ft			09/12/25 09:19	1
Field Turbidity	0.66				NTU			09/12/25 09:19	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

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		09/17/25 08:22	09/19/25 14:48	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Barium	0.052		0.0025		mg/L		09/17/25 08:22	09/19/25 14:48	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Boron	0.74		0.050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Calcium	66		0.20		mg/L		09/17/25 08:22	09/19/25 14:48	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Lead	0.00074		0.00050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Lithium	0.028		0.010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:48	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	380		10		mg/L			09/19/25 03:32	1
Chloride (SM 4500 Cl- E)	11		2.0		mg/L			09/14/25 12:23	1
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			09/23/25 15:39	1
Sulfate (SM 4500 SO4 E)	82		10		mg/L			09/14/25 13:34	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	34.86				ft			09/12/25 10:23	1
Depth to Water (ft from MP)	36.59				ft			09/12/25 10:23	1
Elevation of well (ft from MP)	535.67				ft			09/12/25 10:23	1
Field pH	7.33				SU			09/12/25 10:23	1
Field Temperature	62.8				Degrees F			09/12/25 10:23	1
Ground Water Elevation	499.08				ft			09/12/25 10:23	1
Specific Conductance	782				umhos/cm			09/12/25 10:23	1
Well bottom elevation	452.72				ft			09/12/25 10:23	1
Field Turbidity	15.50				NTU			09/12/25 10:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

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		09/17/25 08:22	09/19/25 14:51	1
Arsenic	0.0084		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Barium	0.066		0.0025		mg/L		09/17/25 08:22	09/19/25 14:51	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Boron	4.6		0.050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 14:51	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Lithium	0.13		0.010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Molybdenum	0.36		0.0050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:51	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	830		10		mg/L			09/19/25 03:34	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			09/14/25 12:48	5
Fluoride (SM 4500 F C)	0.16		0.10		mg/L			09/23/25 15:42	1
Sulfate (SM 4500 SO4 E)	250		25		mg/L			09/14/25 13:32	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.89				ft			09/12/25 12:10	1
Depth to Water (ft from MP)	75.63				ft			09/12/25 12:10	1
Elevation of well (ft from MP)	578.73				ft			09/12/25 12:10	1
Field pH	7.56				SU			09/12/25 12:10	1
Field Temperature	58.6				Degrees F			09/12/25 12:10	1
Ground Water Elevation	503.10				ft			09/12/25 12:10	1
Specific Conductance	1323				umhos/cm			09/12/25 12:10	1
Well bottom elevation	452.24				ft			09/12/25 12:10	1
Field Turbidity	11.30				NTU			09/12/25 12:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

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		09/17/25 08:22	09/19/25 14:53	1
Arsenic	0.0018		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Barium	0.039		0.0025		mg/L		09/17/25 08:22	09/19/25 14:53	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Boron	2.3		0.050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Calcium	99		0.20		mg/L		09/17/25 08:22	09/19/25 14:53	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Lithium	0.050		0.010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Molybdenum	0.078		0.0050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:53	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			09/19/25 03:37	1
Chloride (SM 4500 Cl- E)	80		4.0		mg/L			09/14/25 12:48	2
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			09/23/25 15:45	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			09/14/25 13:32	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.20				ft			09/12/25 13:21	1
Depth to Water (ft from MP)	29.49				ft			09/12/25 13:21	1
Elevation of well (ft from MP)	535.78				ft			09/12/25 13:21	1
Field pH	7.19				SU			09/12/25 13:21	1
Field Temperature	78.1				Degrees F			09/12/25 13:21	1
Ground Water Elevation	506.29				ft			09/12/25 13:21	1
Specific Conductance	1038				umhos/cm			09/12/25 13:21	1
Well bottom elevation	453.96				ft			09/12/25 13:21	1
Field Turbidity	1.52				NTU			09/12/25 13:21	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

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		09/17/25 08:22	09/19/25 14:56	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Barium	0.023		0.0025		mg/L		09/17/25 08:22	09/19/25 14:56	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Boron	0.58		0.050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Calcium	84		0.20		mg/L		09/17/25 08:22	09/19/25 14:56	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:56	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	490		10		mg/L			09/19/25 03:39	1
Chloride (SM 4500 Cl- E)	35		2.0		mg/L			09/16/25 10:33	1
Fluoride (SM 4500 F C)	0.44		0.10		mg/L			09/23/25 15:49	1
Sulfate (SM 4500 SO4 E)	81		10		mg/L			09/25/25 12:55	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	12.99				ft			09/15/25 09:54	1
Depth to Water (ft from MP)	14.98				ft			09/15/25 09:54	1
Elevation of well (ft from MP)	528.59				ft			09/15/25 09:54	1
Field pH	7.17				SU			09/15/25 09:54	1
Field Temperature	63.5				Degrees F			09/15/25 09:54	1
Ground Water Elevation	513.61				ft			09/15/25 09:54	1
Specific Conductance	830				umhos/cm			09/15/25 09:54	1
Well bottom elevation	451.26				ft			09/15/25 09:54	1
Field Turbidity	4.89				NTU			09/15/25 09:54	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

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		09/17/25 08:22	09/19/25 14:58	1
Arsenic	0.010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Barium	0.020		0.0025		mg/L		09/17/25 08:22	09/19/25 14:58	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Boron	6.7		0.25		mg/L		09/17/25 08:22	09/22/25 16:39	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Calcium	27		0.20		mg/L		09/17/25 08:22	09/19/25 14:58	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Molybdenum	0.50		0.0050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:58	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			09/19/25 03:42	1
Chloride (SM 4500 Cl- E)	99		10		mg/L			09/16/25 10:50	5
Fluoride (SM 4500 F C)	0.95		0.10		mg/L			09/23/25 15:52	1
Sulfate (SM 4500 SO4 E)	410		50		mg/L			09/25/25 12:56	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.60				ft			09/15/25 13:10	1
Depth to Water (ft from MP)	106.05				ft			09/15/25 13:10	1
Elevation of well (ft from MP)	620.73				ft			09/15/25 13:10	1
Field pH	8.59				SU			09/15/25 13:10	1
Field Temperature	67.6				Degrees F			09/15/25 13:10	1
Ground Water Elevation	514.68				ft			09/15/25 13:10	1
Specific Conductance	1494				umhos/cm			09/15/25 13:10	1
Well bottom elevation	468.32				ft			09/15/25 13:10	1
Field Turbidity	1.48				NTU			09/15/25 13:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

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		09/17/25 08:22	09/19/25 15:08	1
Arsenic	0.027		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Barium	0.014		0.0025		mg/L		09/17/25 08:22	09/19/25 15:08	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Boron	6.9		0.25		mg/L		09/17/25 08:22	09/22/25 16:41	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Calcium	11		0.20		mg/L		09/17/25 08:22	09/19/25 15:08	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Lithium	0.056		0.010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Molybdenum	0.51		0.0050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:08	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/19/25 03:45	1
Chloride (SM 4500 Cl- E)	87		10		mg/L			09/16/25 10:50	5
Fluoride (SM 4500 F C)	0.58		0.10		mg/L			09/23/25 15:54	1
Sulfate (SM 4500 SO4 E)	430		50		mg/L			09/25/25 12:56	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.54				ft			09/15/25 14:41	1
Depth to Water (ft from MP)	95.04				ft			09/15/25 14:41	1
Elevation of well (ft from MP)	612.16				ft			09/15/25 14:41	1
Field pH	9.09				SU			09/15/25 14:41	1
Field Temperature	65.7				Degrees F			09/15/25 14:41	1
Ground Water Elevation	517.12				ft			09/15/25 14:41	1
Specific Conductance	1525				umhos/cm			09/15/25 14:41	1
Well bottom elevation	459.84				ft			09/15/25 14:41	1
Field Turbidity	0.36				NTU			09/15/25 14:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

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		09/17/25 08:22	09/19/25 15:18	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Barium	0.050		0.0025		mg/L		09/17/25 08:22	09/19/25 15:18	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Boron	1.2		0.050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Calcium	57		0.20		mg/L		09/17/25 08:22	09/19/25 15:18	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Lithium	0.040		0.010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Molybdenum	0.015		0.0050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:18	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	370		10		mg/L			09/22/25 05:12	1
Chloride (SM 4500 Cl- E)	17		2.0		mg/L			09/18/25 10:21	1
Fluoride (SM 4500 F C)	0.84		0.10		mg/L			09/25/25 10:38	1
Sulfate (SM 4500 SO4 E)	64		10		mg/L			09/25/25 12:56	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	59.85				ft			09/16/25 10:35	1
Depth to Water (ft from MP)	62.60				ft			09/16/25 10:35	1
Elevation of well (ft from MP)	580.79				ft			09/16/25 10:35	1
Field pH	7.43				SU			09/16/25 10:35	1
Field Temperature	73.6				Degrees F			09/16/25 10:35	1
Ground Water Elevation	580.79				ft			09/16/25 10:35	1
Specific Conductance	688				umhos/cm			09/16/25 10:35	1
Well bottom elevation	442.28				ft			09/16/25 10:35	1
Field Turbidity	0.41				NTU			09/16/25 10:35	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

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		09/17/25 08:22	09/19/25 15:25	1
Arsenic	0.035		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Barium	0.046		0.0025		mg/L		09/17/25 08:22	09/19/25 15:25	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Boron	11		0.50		mg/L		09/17/25 08:22	09/22/25 16:43	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 15:25	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Lithium	0.18		0.010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Molybdenum	1.2		0.0050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:25	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/22/25 05:19	1
Chloride (SM 4500 Cl- E)	53		4.0		mg/L			09/18/25 10:34	2
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			09/25/25 10:45	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			09/25/25 13:13	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	100.50				ft			09/16/25 13:30	1
Depth to Water (ft from MP)	103.20				ft			09/16/25 13:30	1
Elevation of well (ft from MP)	601.32				ft			09/16/25 13:30	1
Field pH	8.04				SU			09/16/25 13:30	1
Field Temperature	60.1				Degrees F			09/16/25 13:30	1
Ground Water Elevation	498.12				ft			09/16/25 13:30	1
Specific Conductance	1465				umhos/cm			09/16/25 13:30	1
Well bottom elevation	453.62				ft			09/16/25 13:30	1
Field Turbidity	27.30				NTU			09/16/25 13:30	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

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		09/17/25 08:22	09/19/25 15:37	1
Arsenic	0.0021		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Barium	0.049		0.0025		mg/L		09/17/25 08:22	09/19/25 15:37	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Boron	7.6		0.50		mg/L		09/17/25 08:22	09/22/25 16:46	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 15:37	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Lithium	0.12		0.010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Molybdenum	0.27		0.0050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Selenium	0.0028		0.0025		mg/L		09/17/25 08:22	09/19/25 15:37	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	840		10		mg/L			09/22/25 05:25	1
Chloride (SM 4500 Cl- E)	81		10		mg/L			09/18/25 10:35	5
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			09/25/25 10:47	1
Sulfate (SM 4500 SO4 E)	360		50		mg/L			09/25/25 12:57	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	68.96				ft			09/16/25 14:26	1
Depth to Water (ft from MP)	71.51				ft			09/16/25 14:26	1
Elevation of well (ft from MP)	578.64				ft			09/16/25 14:26	1
Field pH	7.70				SU			09/16/25 14:26	1
Field Temperature	59.7				Degrees F			09/16/25 14:26	1
Ground Water Elevation	578.64				ft			09/16/25 14:26	1
Specific Conductance	1121				umhos/cm			09/16/25 14:26	1
Well bottom elevation	453.08				ft			09/16/25 14:26	1
Field Turbidity	0.61				NTU			09/16/25 14:26	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

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		09/19/25 08:05	09/22/25 17:45	1
Arsenic	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Barium	0.054		0.0025		mg/L		09/19/25 08:05	09/22/25 17:45	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Boron	4.5		0.25		mg/L		09/19/25 08:05	09/23/25 12:26	5
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Calcium	68		0.20		mg/L		09/19/25 08:05	09/22/25 17:45	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Lithium	0.023		0.010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Selenium	<0.0025	F1	0.0025		mg/L		09/19/25 08:05	09/22/25 17:45	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 17:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			09/23/25 04:37	1
Chloride (SM 4500 Cl- E)	190		10		mg/L			09/25/25 10:06	5
Fluoride (SM 4500 F C)	0.87		0.10		mg/L			09/25/25 10:50	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			09/25/25 12:57	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.37				ft			09/18/25 10:03	1
Depth to Water (ft from MP)	1.94				ft			09/18/25 10:03	1
Elevation of well (ft from MP)	524.78				ft			09/18/25 10:03	1
Field pH	7.93				SU			09/18/25 10:03	1
Field Temperature	60.1				Degrees F			09/18/25 10:03	1
Ground Water Elevation	522.84				ft			09/18/25 10:03	1
Specific Conductance	1987				umhos/cm			09/18/25 10:03	1
Well bottom elevation	462.58				ft			09/18/25 10:03	1
Field Turbidity	0.89				NTU			09/18/25 10:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

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		09/19/25 08:05	09/22/25 18:19	1
Arsenic	0.0029		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Barium	0.036		0.0025		mg/L		09/19/25 08:05	09/22/25 18:19	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Boron	4.0		0.050		mg/L		09/19/25 08:05	09/23/25 12:37	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Calcium	120		0.20		mg/L		09/19/25 08:05	09/22/25 18:19	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Lithium	0.098		0.010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Molybdenum	0.53		0.0050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 18:19	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 18:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	830		10		mg/L			09/23/25 04:40	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			09/25/25 09:43	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			09/25/25 10:53	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			09/25/25 12:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	21.37				ft			09/18/25 12:09	1
Depth to Water (ft from MP)	23.40				ft			09/18/25 12:09	1
Elevation of well (ft from MP)	537.04				ft			09/18/25 12:09	1
Field pH	7.35				SU			09/18/25 12:09	1
Field Temperature	56.1				Degrees F			09/18/25 12:09	1
Ground Water Elevation	513.64				ft			09/18/25 12:09	1
Specific Conductance	986				umhos/cm			09/18/25 12:09	1
Well bottom elevation	457.84				ft			09/18/25 12:09	1
Field Turbidity	1.31				NTU			09/18/25 12:09	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

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		09/19/25 08:05	09/22/25 18:21	1
Arsenic	0.0090		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Barium	0.041		0.0025		mg/L		09/19/25 08:05	09/22/25 18:21	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Boron	0.46		0.050		mg/L		09/19/25 08:05	09/23/25 12:39	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Calcium	96		0.20		mg/L		09/19/25 08:05	09/22/25 18:21	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Lithium	0.028		0.010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Molybdenum	0.013		0.0050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 18:21	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 18:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			09/23/25 04:42	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			09/25/25 10:06	5
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			09/25/25 10:56	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			09/25/25 12:58	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	62.17				ft			09/18/25 13:31	1
Depth to Water (ft from MP)	65.14				ft			09/18/25 13:31	1
Elevation of well (ft from MP)	603.81				ft			09/18/25 13:31	1
Field pH	7.34				SU			09/18/25 13:31	1
Field Temperature	60.6				Degrees F			09/18/25 13:31	1
Ground Water Elevation	538.67				ft			09/18/25 13:31	1
Specific Conductance	1056				umhos/cm			09/18/25 13:31	1
Well bottom elevation	471.05				ft			09/18/25 13:31	1
Field Turbidity	0.61				NTU			09/18/25 13:31	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

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		09/22/25 08:09	09/22/25 17:08	1
Arsenic	0.0021		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Barium	0.056		0.0025		mg/L		09/22/25 08:09	09/22/25 17:08	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Boron	0.57		0.050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Calcium	100		0.20		mg/L		09/22/25 08:09	09/22/25 17:08	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Lithium	0.024		0.010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Molybdenum	0.027		0.0050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:08	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		10		mg/L			09/23/25 04:45	1
Chloride (SM 4500 Cl- E)	43		2.0		mg/L			09/25/25 09:44	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			09/25/25 11:07	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			09/25/25 12:58	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	18.10				ft			09/19/25 09:19	1
Depth to Water (ft from MP)	20.86				ft			09/19/25 09:19	1
Elevation of well (ft from MP)	525.33				ft			09/19/25 09:19	1
Field pH	7.30				SU			09/19/25 09:19	1
Field Temperature	60.8				Degrees F			09/19/25 09:19	1
Ground Water Elevation	504.47				ft			09/19/25 09:19	1
Specific Conductance	1001				umhos/cm			09/19/25 09:19	1
Well bottom elevation	452.21				ft			09/19/25 09:19	1
Field Turbidity	1.68				NTU			09/19/25 09:19	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

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		09/22/25 08:09	09/22/25 17:24	1
Arsenic	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Barium	0.070		0.0025		mg/L		09/22/25 08:09	09/22/25 17:24	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Boron	1.7		0.050		mg/L		09/22/25 08:09	09/23/25 12:48	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Calcium	130		0.20		mg/L		09/22/25 08:09	09/22/25 17:24	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Lithium	0.025		0.010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Molybdenum	0.20		0.0050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:24	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			09/23/25 04:47	1
Chloride (SM 4500 Cl- E)	57		4.0		mg/L			09/25/25 10:07	2
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			09/25/25 11:12	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			09/25/25 13:00	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	81.88				ft			09/19/25 10:34	1
Depth to Water (ft from MP)	84.06				ft			09/19/25 10:34	1
Elevation of well (ft from MP)	586.62				ft			09/19/25 10:34	1
Field pH	7.01				SU			09/19/25 10:34	1
Field Temperature	59.0				Degrees F			09/19/25 10:34	1
Ground Water Elevation	502.56				ft			09/19/25 10:34	1
Specific Conductance	1185				umhos/cm			09/19/25 10:34	1
Well bottom elevation	455.11				ft			09/19/25 10:34	1
Field Turbidity	1.79				NTU			09/19/25 10:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

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		09/22/25 08:09	09/22/25 17:27	1
Arsenic	0.0026		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Barium	0.035		0.0025		mg/L		09/22/25 08:09	09/22/25 17:27	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Boron	0.32		0.050		mg/L		09/22/25 08:09	09/23/25 12:41	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Calcium	86		0.20		mg/L		09/22/25 08:09	09/22/25 17:27	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Lead	0.00089		0.00050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Lithium	0.012		0.010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Molybdenum	0.0066		0.0050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:27	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		10		mg/L			09/23/25 04:50	1
Chloride (SM 4500 Cl- E)	19		2.0		mg/L			09/25/25 09:44	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			09/25/25 11:16	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			09/25/25 13:13	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.42				ft			09/19/25 12:13	1
Depth to Water (ft from MP)	97.50				ft			09/19/25 12:13	1
Elevation of well (ft from MP)	598.74				ft			09/19/25 12:13	1
Field pH	7.33				SU			09/19/25 12:13	1
Field Temperature	58.1				Degrees F			09/19/25 12:13	1
Ground Water Elevation	501.24				ft			09/19/25 12:13	1
Specific Conductance	774				umhos/cm			09/19/25 12:13	1
Well bottom elevation	454.15				ft			09/19/25 12:13	1
Field Turbidity	57.50				NTU			09/19/25 12:13	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Qualifiers

Metals

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.

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 3Q25

Job ID: 500-274319-1

Metals

Prep Batch: 833259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	3005A	
500-274319-2	T06S	Total Recoverable	Water	3005A	
500-274319-3	T06S Dup	Total Recoverable	Water	3005A	
MB 500-833259/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-833259/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 833467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	6020B	833259
500-274319-2	T06S	Total Recoverable	Water	6020B	833259
500-274319-3	T06S Dup	Total Recoverable	Water	6020B	833259
MB 500-833259/1-A	Method Blank	Total Recoverable	Water	6020B	833259
LCS 500-833259/2-A	Lab Control Sample	Total Recoverable	Water	6020B	833259

Prep Batch: 833773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	7470A	
500-274319-2	T06S	Total/NA	Water	7470A	
500-274319-3	T06S Dup	Total/NA	Water	7470A	
500-274319-4	T02S	Total/NA	Water	7470A	
500-274319-5	T08S	Total/NA	Water	7470A	
500-274319-6	T03S	Total/NA	Water	7470A	
500-274319-7	T01S	Total/NA	Water	7470A	
500-274319-8	T11S	Total/NA	Water	7470A	
500-274319-9	T05S	Total/NA	Water	7470A	
MB 500-833773/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-833773/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 833888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	6020B	833259

Analysis Batch: 833930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	7470A	833773
500-274319-2	T06S	Total/NA	Water	7470A	833773
500-274319-3	T06S Dup	Total/NA	Water	7470A	833773
500-274319-4	T02S	Total/NA	Water	7470A	833773
500-274319-5	T08S	Total/NA	Water	7470A	833773
500-274319-6	T03S	Total/NA	Water	7470A	833773
500-274319-7	T01S	Total/NA	Water	7470A	833773
500-274319-8	T11S	Total/NA	Water	7470A	833773
500-274319-9	T05S	Total/NA	Water	7470A	833773
MB 500-833773/12-A	Method Blank	Total/NA	Water	7470A	833773
LCS 500-833773/13-A	Lab Control Sample	Total/NA	Water	7470A	833773

Prep Batch: 834297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total Recoverable	Water	3005A	
500-274319-5	T08S	Total Recoverable	Water	3005A	
500-274319-6	T03S	Total Recoverable	Water	3005A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Prep Batch: 834297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total Recoverable	Water	3005A	
500-274319-8	T11S	Total Recoverable	Water	3005A	
500-274319-9	T05S	Total Recoverable	Water	3005A	
500-274319-10	G31S	Total Recoverable	Water	3005A	
500-274319-11	G33S	Total Recoverable	Water	3005A	
500-274319-12	T12S	Total Recoverable	Water	3005A	
500-274319-13	G41S	Total Recoverable	Water	3005A	
500-274319-14	G42S	Total Recoverable	Water	3005A	
500-274319-15	G48S	Total Recoverable	Water	3005A	
500-274319-16	G47S	Total Recoverable	Water	3005A	
500-274319-17	G20S	Total Recoverable	Water	3005A	
500-274319-18	G46S	Total Recoverable	Water	3005A	
500-274319-19	R08S	Total Recoverable	Water	3005A	
MB 500-834297/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834297/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 834686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total Recoverable	Water	3005A	
500-274319-21	R32S	Total Recoverable	Water	3005A	
500-274319-22	G45S	Total Recoverable	Water	3005A	
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-274319-20 MS	G30S	Total Recoverable	Water	3005A	
500-274319-20 MSD	G30S	Total Recoverable	Water	3005A	
500-274319-20 DU	G30S	Total Recoverable	Water	3005A	

Prep Batch: 834803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	7470A	
500-274319-11	G33S	Total/NA	Water	7470A	
500-274319-12	T12S	Total/NA	Water	7470A	
500-274319-13	G41S	Total/NA	Water	7470A	
500-274319-14	G42S	Total/NA	Water	7470A	
500-274319-15	G48S	Total/NA	Water	7470A	
500-274319-16	G47S	Total/NA	Water	7470A	
500-274319-17	G20S	Total/NA	Water	7470A	
500-274319-18	G46S	Total/NA	Water	7470A	
500-274319-19	R08S	Total/NA	Water	7470A	
500-274319-20	G30S	Total/NA	Water	7470A	
500-274319-21	R32S	Total/NA	Water	7470A	
MB 500-834803/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-834803/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-274319-16 MS	G47S	Total/NA	Water	7470A	
500-274319-16 MSD	G47S	Total/NA	Water	7470A	
500-274319-16 DU	G47S	Total/NA	Water	7470A	

Prep Batch: 834805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-22	G45S	Total/NA	Water	7470A	
MB 500-834805/12-A	Method Blank	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Prep Batch: 834805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-834805/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 834916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total Recoverable	Water	3005A	
500-274319-24	G44S	Total Recoverable	Water	3005A	
500-274319-25	G39S	Total Recoverable	Water	3005A	
MB 500-834916/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834916/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-274319-23 MS	T13S	Total Recoverable	Water	3005A	
500-274319-23 MSD	T13S	Total Recoverable	Water	3005A	
500-274319-23 DU	T13S	Total Recoverable	Water	3005A	

Analysis Batch: 834923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total Recoverable	Water	6020B	834297
500-274319-5	T08S	Total Recoverable	Water	6020B	834297
500-274319-6	T03S	Total Recoverable	Water	6020B	834297
500-274319-7	T01S	Total Recoverable	Water	6020B	834297
500-274319-8	T11S	Total Recoverable	Water	6020B	834297
500-274319-9	T05S	Total Recoverable	Water	6020B	834297
500-274319-10	G31S	Total Recoverable	Water	6020B	834297
500-274319-11	G33S	Total Recoverable	Water	6020B	834297
500-274319-12	T12S	Total Recoverable	Water	6020B	834297
500-274319-13	G41S	Total Recoverable	Water	6020B	834297
500-274319-14	G42S	Total Recoverable	Water	6020B	834297
500-274319-15	G48S	Total Recoverable	Water	6020B	834297
500-274319-16	G47S	Total Recoverable	Water	6020B	834297
500-274319-17	G20S	Total Recoverable	Water	6020B	834297
500-274319-18	G46S	Total Recoverable	Water	6020B	834297
500-274319-19	R08S	Total Recoverable	Water	6020B	834297
MB 500-834297/1-A	Method Blank	Total Recoverable	Water	6020B	834297
LCS 500-834297/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834297

Prep Batch: 834985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total/NA	Water	7470A	
500-274319-24	G44S	Total/NA	Water	7470A	
500-274319-25	G39S	Total/NA	Water	7470A	
MB 500-834985/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-834985/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 835004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	7470A	834803
500-274319-11	G33S	Total/NA	Water	7470A	834803
500-274319-12	T12S	Total/NA	Water	7470A	834803
500-274319-13	G41S	Total/NA	Water	7470A	834803
500-274319-14	G42S	Total/NA	Water	7470A	834803
500-274319-15	G48S	Total/NA	Water	7470A	834803
500-274319-16	G47S	Total/NA	Water	7470A	834803

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Analysis Batch: 835004 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	7470A	834803
500-274319-18	G46S	Total/NA	Water	7470A	834803
500-274319-19	R08S	Total/NA	Water	7470A	834803
500-274319-20	G30S	Total/NA	Water	7470A	834803
500-274319-21	R32S	Total/NA	Water	7470A	834803
500-274319-22	G45S	Total/NA	Water	7470A	834805
MB 500-834803/12-A	Method Blank	Total/NA	Water	7470A	834803
MB 500-834805/12-A	Method Blank	Total/NA	Water	7470A	834805
LCS 500-834803/13-A	Lab Control Sample	Total/NA	Water	7470A	834803
LCS 500-834805/13-A	Lab Control Sample	Total/NA	Water	7470A	834805
500-274319-16 MS	G47S	Total/NA	Water	7470A	834803
500-274319-16 MSD	G47S	Total/NA	Water	7470A	834803
500-274319-16 DU	G47S	Total/NA	Water	7470A	834803

Analysis Batch: 835127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-5	T08S	Total Recoverable	Water	6020B	834297
500-274319-9	T05S	Total Recoverable	Water	6020B	834297
500-274319-15	G48S	Total Recoverable	Water	6020B	834297
500-274319-16	G47S	Total Recoverable	Water	6020B	834297
500-274319-18	G46S	Total Recoverable	Water	6020B	834297
500-274319-19	R08S	Total Recoverable	Water	6020B	834297
500-274319-20	G30S	Total Recoverable	Water	6020B	834686
500-274319-21	R32S	Total Recoverable	Water	6020B	834686
500-274319-22	G45S	Total Recoverable	Water	6020B	834686
500-274319-23	T13S	Total Recoverable	Water	6020B	834916
500-274319-24	G44S	Total Recoverable	Water	6020B	834916
500-274319-25	G39S	Total Recoverable	Water	6020B	834916
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	6020B	834686
MB 500-834916/1-A	Method Blank	Total Recoverable	Water	6020B	834916
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834686
LCS 500-834916/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834916
500-274319-20 MS	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 MSD	G30S	Total Recoverable	Water	6020B	834686
500-274319-23 MS	T13S	Total Recoverable	Water	6020B	834916
500-274319-23 MSD	T13S	Total Recoverable	Water	6020B	834916
500-274319-20 DU	G30S	Total Recoverable	Water	6020B	834686
500-274319-23 DU	T13S	Total Recoverable	Water	6020B	834916

Analysis Batch: 835175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total/NA	Water	7470A	834985
500-274319-24	G44S	Total/NA	Water	7470A	834985
500-274319-25	G39S	Total/NA	Water	7470A	834985
MB 500-834985/12-A	Method Blank	Total/NA	Water	7470A	834985
LCS 500-834985/13-A	Lab Control Sample	Total/NA	Water	7470A	834985

Analysis Batch: 835346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total Recoverable	Water	6020B	834686
500-274319-21	R32S	Total Recoverable	Water	6020B	834686

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Analysis Batch: 835346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-22	G45S	Total Recoverable	Water	6020B	834686
500-274319-24	G44S	Total Recoverable	Water	6020B	834916
500-274319-25	G39S	Total Recoverable	Water	6020B	834916
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	6020B	834686
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834686
500-274319-20 MS	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 MSD	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 DU	G30S	Total Recoverable	Water	6020B	834686

General Chemistry

Analysis Batch: 833835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 Cl- E	
500-274319-2	T06S	Total/NA	Water	SM 4500 Cl- E	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-4	T02S	Total/NA	Water	SM 4500 Cl- E	
500-274319-5	T08S	Total/NA	Water	SM 4500 Cl- E	
500-274319-6	T03S	Total/NA	Water	SM 4500 Cl- E	
500-274319-7	T01S	Total/NA	Water	SM 4500 Cl- E	
500-274319-8	T11S	Total/NA	Water	SM 4500 Cl- E	
500-274319-9	T05S	Total/NA	Water	SM 4500 Cl- E	
500-274319-10	G31S	Total/NA	Water	SM 4500 Cl- E	
500-274319-11	G33S	Total/NA	Water	SM 4500 Cl- E	
500-274319-12	T12S	Total/NA	Water	SM 4500 Cl- E	
500-274319-13	G41S	Total/NA	Water	SM 4500 Cl- E	
MB 500-833835/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-833835/67	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-833835/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-833835/68	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-274319-3 MS	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-3 MSD	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-8 MS	T11S	Total/NA	Water	SM 4500 Cl- E	
500-274319-8 MSD	T11S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 833838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 2540C	
500-274319-2	T06S	Total/NA	Water	SM 2540C	
500-274319-3	T06S Dup	Total/NA	Water	SM 2540C	
MB 500-833838/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-833838/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 833876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 SO4 E	
500-274319-2	T06S	Total/NA	Water	SM 4500 SO4 E	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 SO4 E	
500-274319-4	T02S	Total/NA	Water	SM 4500 SO4 E	
500-274319-5	T08S	Total/NA	Water	SM 4500 SO4 E	
500-274319-6	T03S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 833876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	SM 4500 SO4 E	
500-274319-8	T11S	Total/NA	Water	SM 4500 SO4 E	
500-274319-9	T05S	Total/NA	Water	SM 4500 SO4 E	
500-274319-10	G31S	Total/NA	Water	SM 4500 SO4 E	
500-274319-11	G33S	Total/NA	Water	SM 4500 SO4 E	
500-274319-12	T12S	Total/NA	Water	SM 4500 SO4 E	
500-274319-13	G41S	Total/NA	Water	SM 4500 SO4 E	
MB 500-833876/19	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-833876/20	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 834083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	SM 2540C	
500-274319-5	T08S	Total/NA	Water	SM 2540C	
500-274319-6	T03S	Total/NA	Water	SM 2540C	
500-274319-7	T01S	Total/NA	Water	SM 2540C	
500-274319-8	T11S	Total/NA	Water	SM 2540C	
500-274319-9	T05S	Total/NA	Water	SM 2540C	
500-274319-10	G31S	Total/NA	Water	SM 2540C	
MB 500-834083/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834083/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-274319-4 MS	T02S	Total/NA	Water	SM 2540C	
500-274319-4 DU	T02S	Total/NA	Water	SM 2540C	
500-274319-5 DU	T08S	Total/NA	Water	SM 2540C	

Analysis Batch: 834161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	SM 4500 CI- E	
500-274319-15	G48S	Total/NA	Water	SM 4500 CI- E	
500-274319-16	G47S	Total/NA	Water	SM 4500 CI- E	
MB 500-834161/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-834161/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-274319-16 MS	G47S	Total/NA	Water	SM 4500 CI- E	
500-274319-16 MSD	G47S	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 834578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 4500 CI- E	
500-274319-18	G46S	Total/NA	Water	SM 4500 CI- E	
500-274319-19	R08S	Total/NA	Water	SM 4500 CI- E	
MB 500-834578/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-834578/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 834661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-11	G33S	Total/NA	Water	SM 2540C	
500-274319-12	T12S	Total/NA	Water	SM 2540C	
500-274319-13	G41S	Total/NA	Water	SM 2540C	
500-274319-14	G42S	Total/NA	Water	SM 2540C	
500-274319-15	G48S	Total/NA	Water	SM 2540C	
500-274319-16	G47S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 834661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-834661/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834661/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 834902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 2540C	
500-274319-18	G46S	Total/NA	Water	SM 2540C	
500-274319-19	R08S	Total/NA	Water	SM 2540C	
MB 500-834902/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834902/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-274319-17 MS	G20S	Total/NA	Water	SM 2540C	
500-274319-17 DU	G20S	Total/NA	Water	SM 2540C	
500-274319-18 DU	G46S	Total/NA	Water	SM 2540C	

Analysis Batch: 835076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	SM 2540C	
500-274319-21	R32S	Total/NA	Water	SM 2540C	
500-274319-22	G45S	Total/NA	Water	SM 2540C	
500-274319-23	T13S	Total/NA	Water	SM 2540C	
500-274319-24	G44S	Total/NA	Water	SM 2540C	
500-274319-25	G39S	Total/NA	Water	SM 2540C	
MB 500-835076/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-835076/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 835303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 F C	
500-274319-2	T06S	Total/NA	Water	SM 4500 F C	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 F C	
500-274319-4	T02S	Total/NA	Water	SM 4500 F C	
500-274319-5	T08S	Total/NA	Water	SM 4500 F C	
500-274319-6	T03S	Total/NA	Water	SM 4500 F C	
500-274319-7	T01S	Total/NA	Water	SM 4500 F C	
500-274319-8	T11S	Total/NA	Water	SM 4500 F C	
500-274319-9	T05S	Total/NA	Water	SM 4500 F C	
500-274319-10	G31S	Total/NA	Water	SM 4500 F C	
500-274319-11	G33S	Total/NA	Water	SM 4500 F C	
500-274319-12	T12S	Total/NA	Water	SM 4500 F C	
500-274319-13	G41S	Total/NA	Water	SM 4500 F C	
500-274319-14	G42S	Total/NA	Water	SM 4500 F C	
500-274319-15	G48S	Total/NA	Water	SM 4500 F C	
500-274319-16	G47S	Total/NA	Water	SM 4500 F C	
MB 500-835303/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-835303/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-274319-1 MS	T09S	Total/NA	Water	SM 4500 F C	
500-274319-1 MSD	T09S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 835609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	SM 4500 CI- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 835609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-21	R32S	Total/NA	Water	SM 4500 Cl- E	
500-274319-22	G45S	Total/NA	Water	SM 4500 Cl- E	
500-274319-23	T13S	Total/NA	Water	SM 4500 Cl- E	
500-274319-24	G44S	Total/NA	Water	SM 4500 Cl- E	
500-274319-25	G39S	Total/NA	Water	SM 4500 Cl- E	
MB 500-835609/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-835609/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 835645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	SM 4500 SO4 E	
500-274319-15	G48S	Total/NA	Water	SM 4500 SO4 E	
500-274319-16	G47S	Total/NA	Water	SM 4500 SO4 E	
500-274319-17	G20S	Total/NA	Water	SM 4500 SO4 E	
500-274319-18	G46S	Total/NA	Water	SM 4500 SO4 E	
500-274319-19	R08S	Total/NA	Water	SM 4500 SO4 E	
500-274319-20	G30S	Total/NA	Water	SM 4500 SO4 E	
500-274319-21	R32S	Total/NA	Water	SM 4500 SO4 E	
500-274319-22	G45S	Total/NA	Water	SM 4500 SO4 E	
500-274319-23	T13S	Total/NA	Water	SM 4500 SO4 E	
500-274319-24	G44S	Total/NA	Water	SM 4500 SO4 E	
500-274319-25	G39S	Total/NA	Water	SM 4500 SO4 E	
MB 500-835645/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-835645/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 835658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 4500 F C	
500-274319-18	G46S	Total/NA	Water	SM 4500 F C	
500-274319-19	R08S	Total/NA	Water	SM 4500 F C	
500-274319-20	G30S	Total/NA	Water	SM 4500 F C	
500-274319-21	R32S	Total/NA	Water	SM 4500 F C	
500-274319-22	G45S	Total/NA	Water	SM 4500 F C	
500-274319-23	T13S	Total/NA	Water	SM 4500 F C	
500-274319-24	G44S	Total/NA	Water	SM 4500 F C	
500-274319-25	G39S	Total/NA	Water	SM 4500 F C	
MB 500-835658/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-835658/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-274319-17 MS	G20S	Total/NA	Water	SM 4500 F C	
500-274319-17 MSD	G20S	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 833899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	Field Sampling	
500-274319-2	T06S	Total/NA	Water	Field Sampling	
500-274319-3	T06S Dup	Total/NA	Water	Field Sampling	
500-274319-4	T02S	Total/NA	Water	Field Sampling	
500-274319-5	T08S	Total/NA	Water	Field Sampling	
500-274319-6	T03S	Total/NA	Water	Field Sampling	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 833899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	Field Sampling	
500-274319-8	T11S	Total/NA	Water	Field Sampling	
500-274319-9	T05S	Total/NA	Water	Field Sampling	
500-274319-10	G31S	Total/NA	Water	Field Sampling	
500-274319-11	G33S	Total/NA	Water	Field Sampling	
500-274319-12	T12S	Total/NA	Water	Field Sampling	
500-274319-13	G41S	Total/NA	Water	Field Sampling	
500-274319-14	G42S	Total/NA	Water	Field Sampling	
500-274319-15	G48S	Total/NA	Water	Field Sampling	
500-274319-16	G47S	Total/NA	Water	Field Sampling	
500-274319-17	G20S	Total/NA	Water	Field Sampling	
500-274319-18	G46S	Total/NA	Water	Field Sampling	
500-274319-19	R08S	Total/NA	Water	Field Sampling	
500-274319-20	G30S	Total/NA	Water	Field Sampling	
500-274319-21	R32S	Total/NA	Water	Field Sampling	
500-274319-22	G45S	Total/NA	Water	Field Sampling	
500-274319-23	T13S	Total/NA	Water	Field Sampling	
500-274319-24	G44S	Total/NA	Water	Field Sampling	
500-274319-25	G39S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-833259/1-A
Matrix: Water
Analysis Batch: 833467

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 833259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/10/25 08:07	09/10/25 16:17	1
Arsenic	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Barium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:17	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Boron	<0.050		0.050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Calcium	<0.20		0.20		mg/L		09/10/25 08:07	09/10/25 16:17	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Lithium	<0.010		0.010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Molybdenum	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:17	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:17	1

Lab Sample ID: LCS 500-833259/2-A
Matrix: Water
Analysis Batch: 833467

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 833259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.503		mg/L		101	80 - 120
Arsenic	0.100	0.0977		mg/L		98	80 - 120
Barium	2.00	2.14		mg/L		107	80 - 120
Beryllium	0.0500	0.0468		mg/L		94	80 - 120
Boron	1.00	0.928		mg/L		93	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	9.63		mg/L		96	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.500	0.480		mg/L		96	80 - 120
Molybdenum	1.00	0.966		mg/L		97	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-834297/1-A
Matrix: Water
Analysis Batch: 834923

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:02	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Barium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:02	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Boron	<0.050		0.050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Calcium	<0.20		0.20		mg/L		09/17/25 08:22	09/19/25 14:02	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834297/1-A
Matrix: Water
Analysis Batch: 834923

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Lithium	<0.010		0.010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:02	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:02	1

Lab Sample ID: LCS 500-834297/2-A
Matrix: Water
Analysis Batch: 834923

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 834297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.0968		mg/L		97	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0491		mg/L		98	80 - 120
Boron	1.00	0.971		mg/L		97	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Calcium	10.0	9.05		mg/L		91	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.100	0.0999		mg/L		100	80 - 120
Lithium	0.100	0.102		mg/L		102	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	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-834686/1-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/25 08:05	09/22/25 17:40	1
Arsenic	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Barium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 17:40	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Calcium	<0.20		0.20		mg/L		09/19/25 08:05	09/22/25 17:40	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Lithium	<0.010		0.010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 17:40	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 17:40	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834686/1-A
Matrix: Water
Analysis Batch: 835346

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		09/19/25 08:05	09/23/25 12:21	1

Lab Sample ID: LCS 500-834686/2-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.496		mg/L		99	80 - 120
Arsenic	0.100	0.0988		mg/L		99	80 - 120
Barium	2.00	2.16		mg/L		108	80 - 120
Beryllium	0.0500	0.0463		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Calcium	10.0	9.11		mg/L		91	80 - 120
Chromium	0.200	0.190		mg/L		95	80 - 120
Cobalt	0.500	0.486		mg/L		97	80 - 120
Lead	0.100	0.0992		mg/L		99	80 - 120
Lithium	0.500	0.476		mg/L		95	80 - 120
Molybdenum	1.00	0.978		mg/L		98	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 500-834686/2-A
Matrix: Water
Analysis Batch: 835346

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.932		mg/L		93	80 - 120

Lab Sample ID: 500-274319-20 MS
Matrix: Water
Analysis Batch: 835127

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.525		mg/L		105	75 - 125
Arsenic	<0.0010		0.100	0.107		mg/L		107	75 - 125
Barium	0.054		2.00	2.29		mg/L		112	75 - 125
Beryllium	<0.0010		0.0500	0.0477		mg/L		95	75 - 125
Cadmium	<0.00050		0.0500	0.0503		mg/L		101	75 - 125
Calcium	68		10.0	77.5	4	mg/L		99	75 - 125
Chromium	<0.0050		0.200	0.192		mg/L		96	75 - 125
Cobalt	<0.0010		0.500	0.495		mg/L		99	75 - 125
Lead	<0.00050		0.100	0.0995		mg/L		99	75 - 125
Lithium	0.023		0.500	0.488		mg/L		93	75 - 125
Molybdenum	<0.0050		1.00	1.05		mg/L		104	75 - 125
Selenium	<0.0025	F1	0.100	0.0775		mg/L		76	75 - 125
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-20 MS
Matrix: Water
Analysis Batch: 835346

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	4.5		1.00	6.03	4	mg/L		153	75 - 125

Lab Sample ID: 500-274319-20 MSD
Matrix: Water
Analysis Batch: 835127

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.531		mg/L		106	75 - 125	1	20
Arsenic	<0.0010		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.054		2.00	2.28		mg/L		112	75 - 125	0	20
Beryllium	<0.0010		0.0500	0.0483		mg/L		97	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0501		mg/L		100	75 - 125	0	20
Calcium	68		10.0	78.0	4	mg/L		104	75 - 125	1	20
Chromium	<0.0050		0.200	0.194		mg/L		97	75 - 125	1	20
Cobalt	<0.0010		0.500	0.497		mg/L		99	75 - 125	0	20
Lead	<0.00050		0.100	0.0996		mg/L		100	75 - 125	0	20
Lithium	0.023		0.500	0.504		mg/L		96	75 - 125	3	20
Molybdenum	<0.0050		1.00	1.06		mg/L		105	75 - 125	1	20
Selenium	<0.0025	F1	0.100	0.0698	F1	mg/L		69	75 - 125	11	20
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-274319-20 MSD
Matrix: Water
Analysis Batch: 835346

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4.5		1.00	6.02	4	mg/L		152	75 - 125	0	20

Lab Sample ID: 500-274319-20 DU
Matrix: Water
Analysis Batch: 835127

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

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	0.054		0.0537		mg/L		0	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	68		67.7		mg/L		0.3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	0.023		0.0227		mg/L		2	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.0025	F1	<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-20 DU
Matrix: Water
Analysis Batch: 835346

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	4.5		4.99		mg/L		10	20

Lab Sample ID: MB 500-834916/1-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/22/25 08:09	09/22/25 16:48	1
Arsenic	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Barium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 16:48	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Boron	<0.050		0.050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Calcium	<0.20		0.20		mg/L		09/22/25 08:09	09/22/25 16:48	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Lithium	<0.010		0.010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Molybdenum	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 16:48	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 16:48	1

Lab Sample ID: LCS 500-834916/2-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.489		mg/L		98	80 - 120
Arsenic	0.100	0.0959		mg/L		96	80 - 120
Barium	2.00	2.11		mg/L		105	80 - 120
Beryllium	0.0500	0.0477		mg/L		95	80 - 120
Boron	1.00	0.943		mg/L		94	80 - 120
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Calcium	10.0	8.82		mg/L		88	80 - 120
Chromium	0.200	0.189		mg/L		94	80 - 120
Cobalt	0.500	0.483		mg/L		97	80 - 120
Lead	0.100	0.0969		mg/L		97	80 - 120
Lithium	0.500	0.480		mg/L		96	80 - 120
Molybdenum	1.00	0.959		mg/L		96	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 500-274319-23 MS
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.506		mg/L		101	75 - 125
Arsenic	0.0021		0.100	0.104		mg/L		102	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-23 MS
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.056		2.00	2.21		mg/L		108	75 - 125
Beryllium	<0.0010		0.0500	0.0473		mg/L		95	75 - 125
Boron	0.57		1.00	1.53		mg/L		95	75 - 125
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125
Calcium	100		10.0	115	4	mg/L		125	75 - 125
Chromium	<0.0050		0.200	0.190		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.479		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.0966		mg/L		97	75 - 125
Lithium	0.024		0.500	0.500		mg/L		95	75 - 125
Molybdenum	0.027		1.00	1.04		mg/L		101	75 - 125
Selenium	<0.0025		0.100	0.0951		mg/L		95	75 - 125
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125

Lab Sample ID: 500-274319-23 MSD
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.503		mg/L		101	75 - 125	1	20
Arsenic	0.0021		0.100	0.103		mg/L		101	75 - 125	1	20
Barium	0.056		2.00	2.20		mg/L		107	75 - 125	0	20
Beryllium	<0.0010		0.0500	0.0477		mg/L		95	75 - 125	1	20
Boron	0.57		1.00	1.52		mg/L		95	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0491		mg/L		98	75 - 125	1	20
Calcium	100		10.0	115	4	mg/L		120	75 - 125	0	20
Chromium	<0.0050		0.200	0.189		mg/L		94	75 - 125	0	20
Cobalt	<0.0010		0.500	0.470		mg/L		94	75 - 125	2	20
Lead	<0.00050		0.100	0.0959		mg/L		96	75 - 125	1	20
Lithium	0.024		0.500	0.497		mg/L		95	75 - 125	1	20
Molybdenum	0.027		1.00	1.03		mg/L		100	75 - 125	0	20
Selenium	<0.0025		0.100	0.0956		mg/L		96	75 - 125	1	20
Thallium	<0.0020		0.100	0.101		mg/L		101	75 - 125	2	20

Lab Sample ID: 500-274319-23 DU
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0021		0.00206		mg/L		4	20
Barium	0.056		0.0556		mg/L		1	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.57		0.565		mg/L		2	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	100		101		mg/L		2	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	0.024		0.0238		mg/L		0.9	20

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-23 DU
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Molybdenum	0.027		0.0272		mg/L		0.9	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-833773/12-A
Matrix: Water
Analysis Batch: 833930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:00	1

Lab Sample ID: LCS 500-833773/13-A
Matrix: Water
Analysis Batch: 833930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00196		mg/L		98	80 - 120

Lab Sample ID: MB 500-834803/12-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 834803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:04	1

Lab Sample ID: LCS 500-834803/13-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 834803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00203		mg/L		102	80 - 120

Lab Sample ID: 500-274319-16 MS
Matrix: Water
Analysis Batch: 835004

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 834803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.00100	0.000979		mg/L		98	75 - 125

Lab Sample ID: 500-274319-16 MSD
Matrix: Water
Analysis Batch: 835004

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 834803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.00100	0.000955		mg/L		95	75 - 125	2	20

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-16 DU
Matrix: Water
Analysis Batch: 835004

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 834803

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

Lab Sample ID: MB 500-834805/12-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 834805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 10:26	1

Lab Sample ID: LCS 500-834805/13-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 834805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Lab Sample ID: MB 500-834985/12-A
Matrix: Water
Analysis Batch: 835175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 834985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 07:53	1

Lab Sample ID: LCS 500-834985/13-A
Matrix: Water
Analysis Batch: 835175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 834985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00213		mg/L		107	80 - 120

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

Lab Sample ID: MB 500-833838/1
Matrix: Water
Analysis Batch: 833838

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			09/15/25 01:18	1

Lab Sample ID: LCS 500-833838/2
Matrix: Water
Analysis Batch: 833838

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	252		mg/L		101	80 - 120

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834083/1
Matrix: Water
Analysis Batch: 834083

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			09/16/25 03:12	1

Lab Sample ID: LCS 500-834083/2
Matrix: Water
Analysis Batch: 834083

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	256		mg/L		102	80 - 120

Lab Sample ID: 500-274319-4 MS
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	960		250	1230		mg/L		105	75 - 125

Lab Sample ID: 500-274319-4 DU
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	960			936		mg/L		3	5

Lab Sample ID: 500-274319-5 DU
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T08S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	980			1010		mg/L		3	5

Lab Sample ID: MB 500-834661/1
Matrix: Water
Analysis Batch: 834661

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			09/19/25 03:27	1

Lab Sample ID: LCS 500-834661/2
Matrix: Water
Analysis Batch: 834661

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	260		mg/L		104	80 - 120

Lab Sample ID: MB 500-834902/1
Matrix: Water
Analysis Batch: 834902

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			09/22/25 05:07	1

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: LCS 500-834902/2
Matrix: Water
Analysis Batch: 834902

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	262		mg/L		105	80 - 120

Lab Sample ID: 500-274319-17 MS
Matrix: Water
Analysis Batch: 834902

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	370		250	674		mg/L		123	75 - 125

Lab Sample ID: 500-274319-17 DU
Matrix: Water
Analysis Batch: 834902

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	370		360		mg/L		2	5

Lab Sample ID: 500-274319-18 DU
Matrix: Water
Analysis Batch: 834902

Client Sample ID: G46S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		1080		mg/L		5	5

Lab Sample ID: MB 500-835076/1
Matrix: Water
Analysis Batch: 835076

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			09/23/25 03:51	1

Lab Sample ID: LCS 500-835076/2
Matrix: Water
Analysis Batch: 835076

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	252		mg/L		101	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-833835/16
Matrix: Water
Analysis Batch: 833835

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			09/14/25 11:14	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-833835/67
Matrix: Water
Analysis Batch: 833835

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			09/14/25 12:21	1

Lab Sample ID: LCS 500-833835/17
Matrix: Water
Analysis Batch: 833835

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	20.1		mg/L		101	85 - 115

Lab Sample ID: LCS 500-833835/68
Matrix: Water
Analysis Batch: 833835

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

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

Lab Sample ID: 500-274319-3 MS
Matrix: Water
Analysis Batch: 833835

Client Sample ID: T06S Dup
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12		20.0	29.7		mg/L		87	75 - 125

Lab Sample ID: 500-274319-3 MSD
Matrix: Water
Analysis Batch: 833835

Client Sample ID: T06S Dup
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	29.7		mg/L		86	75 - 125	0	20

Lab Sample ID: 500-274319-8 MS
Matrix: Water
Analysis Batch: 833835

Client Sample ID: T11S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38	F1	20.0	64.4	F1	mg/L		131	75 - 125

Lab Sample ID: 500-274319-8 MSD
Matrix: Water
Analysis Batch: 833835

Client Sample ID: T11S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38	F1	20.0	64.3	F1	mg/L		130	75 - 125	0	20

Lab Sample ID: MB 500-834161/16
Matrix: Water
Analysis Batch: 834161

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			09/16/25 10:33	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: LCS 500-834161/17
Matrix: Water
Analysis Batch: 834161

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: 500-274319-16 MS
Matrix: Water
Analysis Batch: 834161

Client Sample ID: G47S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	87		20.0	104	4	mg/L		84	75 - 125

Lab Sample ID: 500-274319-16 MSD
Matrix: Water
Analysis Batch: 834161

Client Sample ID: G47S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87		20.0	103	4	mg/L		78	75 - 125	1	20

Lab Sample ID: MB 500-834578/16
Matrix: Water
Analysis Batch: 834578

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			09/18/25 10:21	1

Lab Sample ID: LCS 500-834578/17
Matrix: Water
Analysis Batch: 834578

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: MB 500-835609/16
Matrix: Water
Analysis Batch: 835609

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			09/25/25 09:43	1

Lab Sample ID: LCS 500-835609/17
Matrix: Water
Analysis Batch: 835609

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

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-835303/3
Matrix: Water
Analysis Batch: 835303

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			09/23/25 14:48	1

Lab Sample ID: LCS 500-835303/4
Matrix: Water
Analysis Batch: 835303

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	9.91		mg/L		99	90 - 119

Lab Sample ID: 500-274319-1 MS
Matrix: Water
Analysis Batch: 835303

Client Sample ID: T09S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.29		5.00	5.23		mg/L		99	75 - 125

Lab Sample ID: 500-274319-1 MSD
Matrix: Water
Analysis Batch: 835303

Client Sample ID: T09S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.29		5.00	5.66		mg/L		107	75 - 125	8	20

Lab Sample ID: MB 500-835658/3
Matrix: Water
Analysis Batch: 835658

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			09/25/25 10:29	1

Lab Sample ID: LCS 500-835658/4
Matrix: Water
Analysis Batch: 835658

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	9.68		mg/L		97	90 - 119

Lab Sample ID: 500-274319-17 MS
Matrix: Water
Analysis Batch: 835658

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.84		5.00	6.08		mg/L		105	75 - 125

Lab Sample ID: 500-274319-17 MSD
Matrix: Water
Analysis Batch: 835658

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.84		5.00	5.89		mg/L		101	75 - 125	3	20

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QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-833876/19
Matrix: Water
Analysis Batch: 833876

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			09/14/25 13:18	1

Lab Sample ID: LCS 500-833876/20
Matrix: Water
Analysis Batch: 833876

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.2		mg/L		106	88 - 123

Lab Sample ID: MB 500-835645/16
Matrix: Water
Analysis Batch: 835645

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			09/25/25 12:06	1

Lab Sample ID: LCS 500-835645/17
Matrix: Water
Analysis Batch: 835645

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

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

Eurofins Chicago

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

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 500-137751 50642 1						
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 1 of 3						
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>500-274319</i> Preservation Codes D HNO3 N None						
City Joliet		TAT Requested (days)						QR Code  500-274319 COC						
State Zip IL, 60436		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No						Other						
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/oli, 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
R000		<i>09/09/25</i>	<i>1003</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>1</i> G205		<i>09/09/25</i>	<i>1208</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>2</i> R328		<i>09/09/25</i>	<i>1208</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>3</i> G448				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G456				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G468				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G475				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G488				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F098				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G008				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DUP				Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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>09/09/25 1535</i>		Company <i>LS35</i>		Received by <i>Stephane Hemondy</i>		Date/Time <i>9/9/25 1535</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>0.6 → 0.4 489t</i>								

Eurofins Chicago

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

Chain of Custody Record

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Client Information		Sampler: Noe L		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500 137751 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								
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Job #: 500-274319						
City: Joliet		TAT Requested (days)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		Preservation Codes D HNO3 N None						
State Zip: IL, 60436		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		904.0 - Standard Target List		6020A, 7470A		 500-274319 COC						
Phone		PO #: 4502187984		2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E		Total Number of containers								
Email: james.thorne@nrg.com		WO #:		Other:										
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/soil, 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_GFPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E	Total Number of containers	Special Instructions/Note
				Preservation Code				D	D	D	D	N		
17 F44S G20S		09/16/25	1035		Water								5	
18 G39S G46S		09/16/25	1330		Water								5	
19 O41S R08S		09/16/25	1426		Water								5	
G42S					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: 		Date/Time: 09/16/25 1544		Company: EET4		Received by: Stephonie Hemondy		Date/Time: 9/16/25 1544		Company: EET4				
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: 0 8 + 0.4										



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-1

Login Number: 274319

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4,1.5,0.7,1.1,1.2,0.6,-0.1,1.9 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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 3Q25

Job ID: 500-274319-1

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:49
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		5	833888	RN	EET CHI	09/12/25 12:22
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:04
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:09
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 11:38
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 14:57
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:30
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 10:03

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:56
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:10
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:12
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 11:18
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:04
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:52
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 12:08

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:58
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:12
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:14
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 11:18
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:06
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:53
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 12:08

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:07
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:13
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:37
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:09
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 09:46

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:09
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:34
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:15
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:45
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:12
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 12:40

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:19
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:17
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:50
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:15
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 14:21

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:22
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:19
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:53
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:26
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 09:48

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:29
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:21
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:55
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 12:24
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:29
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:35
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 11:49

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:31
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:37
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:23
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:58
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:49
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:32
Total/NA	Analysis	SM 4500 SO4 E		20	833876	TR	EET CHI	09/14/25 13:53
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 14:09

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G31S

Date Collected: 09/12/25 09:19

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:46
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:07
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 04:01
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:49
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:35
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:34
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 09:19

Client Sample ID: G33S

Date Collected: 09/12/25 10:23

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:48
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:09
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:32
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 12:23
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:39
Total/NA	Analysis	SM 4500 SO4 E		2	833876	TR	EET CHI	09/14/25 13:34
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 10:23

Client Sample ID: T12S

Date Collected: 09/12/25 12:10

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:51
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:11
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:34
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:42
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 12:10

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G41S

Date Collected: 09/12/25 13:21

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:53
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:13
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:37
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:45
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 13:21

Client Sample ID: G42S

Date Collected: 09/15/25 09:54

Date Received: 09/15/25 16:15

Lab Sample ID: 500-274319-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:56
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:15
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:39
Total/NA	Analysis	SM 4500 CI- E		1	834161	TR	EET CHI	09/16/25 10:33
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:49
Total/NA	Analysis	SM 4500 SO4 E		2	835645	TR	EET CHI	09/25/25 12:55
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 09:54

Client Sample ID: G48S

Date Collected: 09/15/25 13:10

Date Received: 09/15/25 16:15

Lab Sample ID: 500-274319-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:58
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:39
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:17
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:42
Total/NA	Analysis	SM 4500 CI- E		5	834161	TR	EET CHI	09/16/25 10:50
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:52
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 13:10

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:08
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:41
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:19
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:45
Total/NA	Analysis	SM 4500 Cl- E		5	834161	TR	EET CHI	09/16/25 10:50
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:54
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 14:41

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:18
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:51
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:12
Total/NA	Analysis	SM 4500 Cl- E		1	834578	TR	EET CHI	09/18/25 10:21
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		2	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 10:35

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:25
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:43
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:53
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:19
Total/NA	Analysis	SM 4500 Cl- E		2	834578	TR	EET CHI	09/18/25 10:34
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:45
Total/NA	Analysis	SM 4500 SO4 E		20	835645	TR	EET CHI	09/25/25 13:13
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 13:30

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:37
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:46
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:55
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:25
Total/NA	Analysis	SM 4500 CI- E		5	834578	TR	EET CHI	09/18/25 10:35
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:47
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:57
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 14:26

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:45
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		5	835346	RN	EET CHI	09/23/25 12:26
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:57
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:37
Total/NA	Analysis	SM 4500 CI- E		5	835609	TR	EET CHI	09/25/25 10:06
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:50
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:57
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 10:03

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 18:19
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:37
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:59
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:40
Total/NA	Analysis	SM 4500 CI- E		1	835609	TR	EET CHI	09/25/25 09:43
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:53

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R32S

Date Collected: 09/18/25 12:09

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 12:09

Client Sample ID: G45S

Date Collected: 09/18/25 13:31

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 18:21
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:39
Total/NA	Prep	7470A			834805	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 12:00
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:42
Total/NA	Analysis	SM 4500 CI- E		5	835609	TR	EET CHI	09/25/25 10:06
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:56
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 13:31

Client Sample ID: T13S

Date Collected: 09/19/25 09:19

Date Received: 09/19/25 13:20

Lab Sample ID: 500-274319-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:08
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:42
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:45
Total/NA	Analysis	SM 4500 CI- E		1	835609	TR	EET CHI	09/25/25 09:44
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:07
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 09:19

Client Sample ID: G44S

Date Collected: 09/19/25 10:34

Date Received: 09/19/25 13:20

Lab Sample ID: 500-274319-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:24
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:48

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:44
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:47
Total/NA	Analysis	SM 4500 CI- E		2	835609	TR	EET CHI	09/25/25 10:07
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 13:00
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 10:34

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:27
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:41
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:45
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:50
Total/NA	Analysis	SM 4500 CI- E		1	835609	TR	EET CHI	09/25/25 09:44
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:16
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 13:13
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 12:13

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 3Q25

Job ID: 500-274319-1

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

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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 #: 500-274319-1

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: 09/09/25 Start Purge: 0945 End Purge: 1003
(2400 Hr. Clock) ^{N.S.}

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58
^{N.L.}

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.35 7.35 7.35 (std.)
Ref. Measuring Pt. TIC SC 1366 1364 1364 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 13.63 13.62 13.62 (°C)
Water Level 105.55 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.94 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

Sample Appearance/Odor: Tan, slight turbidity, colorless, clear, No Odor
Weather Conditions: 64°F, Sunny, 5 winds e 0-5 mph
Turbidity: 24.40 NTU

COMMENTS

Other: *Reference Measurement
Depth To Water from L.S. = 105.55 - 2.40 = 103.15 (ft.)
Levels were taken on 09/09/25 @ 0930
* 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 #: 500-274319-2

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: 09/09/25 Start Purge: 1153 End Purge: 1208
 (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 7.45 7.43 7.43 (std.)
 Ref. Measuring Pt. TIC SC 732 756 756 (umhos/cm)
 Well Elevation * 621.05 (ft./msl) Temp. 25.39 25.36 25.36 (°C)
 Water Level 118.58 (ft.) Well Stabilization / Recharge Grid
 Ground Water Elev. 502.47 (ft./msl)

 Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
 Weather Conditions: 72°F, Mostly Sunny, S winds 0-5 mph
 Turbidity: 5.25 NTU
 Other: *Reference Measurement
 Depth To Water from L.S. = 118.58 - 2.30 = 116.28 (ft)
 Levels were taken on 09/09/25 @ 1138
 * Total Deth = 173.00

(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: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-4

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: 09/10/25 Start Purge: 0927 End Purge: 0946
 (2400 Hr. Clock)
 Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
 Stick Up 2.33 (ft) pH 7.27 7.27 7.27 (std.)
 Ref. Measuring Pt. TIC SC 1404 1402 1402 (umhos/cm)
 Well Elevation * 626.14 (ft./msl) Temp. 15.61 15.62 15.62 (°C)
 Water Level 136.66 (ft.) Well Stabilization / Recharge Grid
 Ground Water Elev. 489.48 (ft./msl)

 Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No odor
 Weather Conditions: 68°F, Sunny, SE winds @ 0-5 mph
 Turbidity: 99.10 NTU
 Other: *Reference Measurement
 Depth To Water from L.S. = 136.66 - 2.33 = 134.33 (ft.)
 Levels were taken on 09/10/25 @ 0912.
 * 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 #: 500-274319-5

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

PURGING INFORMATION

Purge Date: 09/10/25 Start Purge: 1218 End Purge: 1240
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 9.15 9.16 9.16 (std.)
Ref. Measuring Pt. TIC SC 1463 1466 1466 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 24.06 23.97 23.97 (°C)
Water Level 131.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.64 (ft./msl)

Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 79°F, Sunny, SW winds 0-5 mph
Turbidity: 5.56 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 131.79 - 2.38 = 129.41 (ft.)
Levels were taken on 09/10/25 @ 1203
* Total Deth = 180.00

(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: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-7

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: 09/11/25 Start Purge: 0932 End Purge: 0948
(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 7.92 7.93 7.93 (std.)
Ref. Measuring Pt. TIC SC 1482 1483 1483 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 16.80 16.83 16.83 (°C)
Water Level 128.18 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 493.65 (ft./msl)

Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, High Turbidity, Slight Odor
Weather Conditions: 74°F, Mostly Cloudy, NE winds 0-5 mph
Turbidity: 761.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 128.18 - 2.48 = 125.70 (ft)
Levels were taken on 09/11/25 @ 0917.
* 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: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-10

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: 09/12/25 Start Purge: 0906 End Purge: 0919
(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 7.17 7.18 7.18 (std.)

Ref. Measuring Pt. TIC SC 1692 1683 1683 (umhos/cm)

Well Elevation *535.67 (ft./msl) Temp. 15.26 15.24 15.24 (°C)

Water Level 29.90 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 505.77 (ft./msl)

Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor

Weather Conditions: 67°F, Mostly Sunny, SE winds 0-5 mph

Turbidity: 0.66 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 29.90 - 2.58 = 27.32 (ft.)

Levels were taken on 09/12/25 @ 0901

(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 #: 500-274319-11

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: 09/12/25 Start Purge: 1002 End Purge: 1023
(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 7.33 7.33 7.33 (std.)

Ref. Measuring Pt. TIC SC 792 782 782 (umhos/cm)

Well Elevation *535.67 (ft./msl) Temp. 17.09 17.12 17.12 (°C)

Water Level 36.59 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 499.08 (ft./msl)

Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, slight Turbidity, No Odor

Weather Conditions: 73°F, Partly Sunny, SE winds 0-5 mph

Turbidity: 15.50 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 36.59 - 1.73 = 34.86 (ft)

Levels were taken on 09/12/25 @ 0957

(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 #: 500-274379-12

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: 09/12/25 Start Purge: 1158 End Purge: 1210
(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 7.55 7.56 7.56 (std.)

Ref. Measuring Pt. TIC SC 1,320 1,323 1,323 (umhos/cm)

Well Elevation * 578.73 (ft./msl) Temp. 14.92 14.84 14.84 (°C)

Water Level 75.63 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 503.10 (ft./msl)

Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor

Weather Conditions: 82°F, Mostly Sunny, SE winds 0-5 mph

Turbidity: 11.30 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 75.63 - 2.74 = 72.89 (A)

Levels were taken on 09/12/25 @ 1153.

* Total Depth: 126.5 (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: G41S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-13

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

PURGING INFORMATION

Purge Date: 09/12/25 Start Purge: 1302 End Purge: 1321
 (2400 Hr. Clock)
 Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.37

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
 Stick Up 2.29 (ft) pH 7.20 7.19 7.19 (std.)
 Ref. Measuring Pt. TIC SC 1,036 1,038 1,038 (umhos/cm)
 Well Elevation *535.78 (ft./msl) Temp. 25.51 25.59 25.59 (°C)
 Water Level 29.49 (ft.) Well Stabilization / Recharge Grid
 Ground Water Elev. 506.29 (ft./msl)
 Well Bottom Elevation *453.96 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
 Weather Conditions: 82°F, Mostly Sunny, SE winds @ 0-5 mph
 Turbidity: 1.52 NTU
 Other: *Reference Measurement
 Depth To Water from L.S. = 29.49 - 2.29 = 27.20 (ft.)
 Levels were taken on 09/12/25 @ 1257.

(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: G42S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-14

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: 09/15/25 Start Purge: 0940 End Purge: 0954
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.18

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.99 (ft) pH 7.18 7.17 7.17 (std.)
Ref. Measuring Pt. TIC SC 831 830 830 (umhos/cm)
Well Elevation *528.59 (ft./msl) Temp. 17.56 17.54 17.54 (°C)
Water Level 14.98 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 513.61 (ft./msl)
Well Bottom Elevation *451.26 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 76°F, Sunny, E winds 0-5 mph
Turbidity: 4.89 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 14.98 - 1.99 = 12.99 (ft.)
Levels were taken on 09/15/25 @ 0935

(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: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-15

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: 09/15/25 Start Purge: 1252 End Purge: 1310
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 8.57 8.59 8.59 (std.)
Ref. Measuring Pt. TIC SC 1491 1494 1494 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 19.89 19.81 19.81 (°C)
Water Level 106.05 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 514.168 (ft./msl)

Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 85° F, Sunny, E winds 0-5 mph
Turbidity: 1.48 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 106.05 - 2.45 = 103.60 (ft)
Levels were taken on 09/15/25 @ 1247.

(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 #: 500-274319-110

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: 09/15/25 Start Purge: 1423 End Purge: 1441
(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 9.08 9.09 9.09 (std.)
Ref. Measuring Pt. TIC SC 1525 1525 1525 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 18.78 18.69 18.69 (°C)
Water Level 95.04 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.12 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 85°F, Sunny, E wind se 0-5 mph
Turbidity: 0.36 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 95.04 - 2.50 = 92.54 (ft.)
Levels were taken on 09/15/25 @ 1418.

(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 #: 500-274319-19

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: 09/16/25 Start Purge: 1411 End Purge: 1426
(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 7.70 7.70 7.70 (std.)
Ref. Measuring Pt. TIC SC 1123 1121 1121 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 15.33 15.39 15.39 (°C)
Water Level 71.51 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.13 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, ^{NC.} No Odor Moderate Odor
Weather Conditions: 85°F, Sunny, NE winds @ 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 71.51 - 2.55 = 68.96 (ft.)
Levels were taken on 09/16/25 @ 1406

(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 #: 500-274319-18

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: 09/16/25 Start Purge: 1316 End Purge: 1330
(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 8.02 8.04 8.04 (std.)
Ref. Measuring Pt. TIC SC 1458 1465 1465 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 15.69 15.60 15.60 (°C)
Water Level 103.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.12 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 86°F, Sunny, NE winds 0-5 mph
Turbidity: 27.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 103.20 - 2.70 = 100.50 (ft.)
Levels were taken on 09/16/25 @ 1306.

(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: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-20

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: 09/18/25 Start Purge: 0945 End Purge: 1003
(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 7.93 7.93 7.93 (std.)
Ref. Measuring Pt. TIC SC 1988 1987 1987 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 15.60 15.59 15.59 (°C)
Water Level 1.94 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.84 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 80°F, Sunny, SE winds 0-5 mph
Turbidity: 0.89 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.94 - 2.31 = -0.37 (ft.)
Levels were taken on 09/18/25 @ 0935.

(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 #: 500-274319-21

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: 09/18/25 Start Purge: 1150 End Purge: 1209
(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 7.34 7.35 7.35 (std.)

Ref. Measuring Pt. TIC SC 987 986 986 (umhos/cm)

Well Elevation *537.04 (ft./msl) Temp. 13.33 13.35 13.35 (°C)

Water Level 23.40 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 513.64 (ft./msl)

Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor

Weather Conditions: 83°F, Sunny, SW winds e 0-5 mph

Turbidity: 1.31 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 23.40 - 2.03 = 21.37 (ft.)

Levels were taken on 09/18/25 @ 1145

(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 #: 500-274319-22

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: 09/18/25 Start Purge: 1315 End Purge: 1331
(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 7.33 7.24 7.34 (std.)
Ref. Measuring Pt. TIC SC 1057 1056 1056 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 15.80 15.87 15.87 (°C)
Water Level 65.14 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 538.67 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 88°F, Sunny, SW winds e 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 65.14 - 2.97 = 62.17 (AL)
Levels were taken on 09/18/25 @ 1310

(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 #: 500-274319-23

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: 09/19/25 Start Purge: 0907 End Purge: 0919
(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 2.76 (ft) pH 7.30 7.30 7.30 (std.)

Ref. Measuring Pt. TIC SC 1006 1001 1001 (umhos/cm)

Well Elevation * 525.33 (ft./msl) Temp. 16.06 16.00 16.00 (°C)

Water Level 20.86 (ft.) Well Stabilization / Recharge Grid

Ground Water Elev. 504.47 (ft./msl)

Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor

Weather Conditions: 75°F, Sunny, SE winds 0-5 mph

Turbidity: 1.68 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 20.86 - 2.76 = 18.10 (ft.)

Levels were taken on 09/19/25 @ 0902.

* 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: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-24

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: 09/19/25 Start Purge: 1015 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.01 7.01 7.01 (std.)
Ref. Measuring Pt. TIC SC 1,184 1,185 1,185 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 15.04 15.03 15.03 (°C)
Water Level 84.06 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.56 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 79°F, Mostly Sunny, SE winds 0-5 mph
Turbidity: 1.79 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 84.06 - 2.18 = 81.88 (ft.)
Levels were taken on 09/19/25 @ 1010

(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 #: 500-274319-25

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: 09/19/25 Start Purge: 1155 End Purge: 1213
(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 7.32 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 780 774 774 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 14.59 14.53 14.53 (°C)
Water Level 97.50 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.24 (ft./msl)

Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan Colorless, Slight Turbidity, No Odor
Weather Conditions: 86°F, ^{KL} Cloudy, S winds 5-10 mph
Turdity 57.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 97.50 - 2.08 = 95.42 (ft.)
Levels were taken on 09/19/25 @ 1150

(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 10/17/25 16:38:58

JOB DESCRIPTION

Joliet #9 CCR 3Q25

JOB NUMBER

500-274319-2

Eurofins Chicago

Job Notes

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

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

Authorization



Generated
10/17/25 16:38:58

Authorized for release by
Dirk Nelson, Project Management Assistant II
Dirk.Nelson@et.eurofinsus.com
(708)534-5200



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Job ID: 500-274319-2

Eurofins Chicago

Job Narrative 500-274319-2

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

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

Receipt

The samples were received on 9/9/2025 3:35 PM, 9/10/2025 3:50 PM, 9/11/2025 3:50 PM, 9/12/2025 3:40 PM, 9/15/2025 4:15 PM, 9/16/2025 3:44 PM, 9/18/2025 2:50 PM and 9/19/2025 1:20 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 -0.1°C, 0.4°C, 0.6°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C and 1.9°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 prep batch 160-736042:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: T02S (500-274319-4) . Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 prep batch 160-736236:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: T01S (500-274319-7) . Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 Batch 160-737255:

The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 133%: (LCS 160-737255/2-A). 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%. The LCS is within criteria and no further action is required.

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 CCR 3Q25

Job ID: 500-274319-2

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 CCR 3Q25

Job ID: 500-274319-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-274319-1	T09S	Water	09/09/25 10:03	09/09/25 15:35	Illinois
500-274319-2	T06S	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-3	T06S Dup	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-4	T02S	Water	09/10/25 09:46	09/10/25 15:50	Illinois
500-274319-5	T08S	Water	09/10/25 12:40	09/10/25 15:50	Illinois
500-274319-6	T03S	Water	09/10/25 14:21	09/10/25 15:50	Illinois
500-274319-7	T01S	Water	09/11/25 09:48	09/11/25 15:50	Illinois
500-274319-8	T11S	Water	09/11/25 11:49	09/11/25 15:50	Illinois
500-274319-9	T05S	Water	09/11/25 14:09	09/11/25 15:50	Illinois
500-274319-10	G31S	Water	09/12/25 09:19	09/12/25 15:40	Illinois
500-274319-11	G33S	Water	09/12/25 10:23	09/12/25 15:40	Illinois
500-274319-12	T12S	Water	09/12/25 12:10	09/12/25 15:40	Illinois
500-274319-13	G41S	Water	09/12/25 13:21	09/12/25 15:40	Illinois
500-274319-14	G42S	Water	09/15/25 09:54	09/15/25 16:15	Illinois
500-274319-15	G48S	Water	09/15/25 13:10	09/15/25 16:15	Illinois
500-274319-16	G47S	Water	09/15/25 14:41	09/15/25 16:15	Illinois
500-274319-17	G20S	Water	09/16/25 10:35	09/16/25 15:44	Illinois
500-274319-18	G46S	Water	09/16/25 13:30	09/16/25 15:44	Illinois
500-274319-19	R08S	Water	09/16/25 14:26	09/16/25 15:44	Illinois
500-274319-20	G30S	Water	09/18/25 10:03	09/18/25 14:50	Illinois
500-274319-21	R32S	Water	09/18/25 12:09	09/18/25 14:50	Illinois
500-274319-22	G45S	Water	09/18/25 13:31	09/18/25 14:50	Illinois
500-274319-23	T13S	Water	09/19/25 09:19	09/19/25 13:20	Illinois
500-274319-24	G44S	Water	09/19/25 10:34	09/19/25 13:20	Illinois
500-274319-25	G39S	Water	09/19/25 12:13	09/19/25 13:20	Illinois

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Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 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	1.17		0.327	0.343	1.00	0.288	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/12/25 06:41	10/06/25 08:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.25		0.484	0.497	1.00	0.633	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	84.5		30 - 110					09/12/25 06:48	10/05/25 11:04	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	2.41		0.584	0.604	5.00	0.633	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 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	1.53		0.390	0.414	1.00	0.293	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.5		30 - 110					09/12/25 06:41	10/06/25 08:12	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	1.56		0.587	0.605	1.00	0.737	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.5		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	79.3		30 - 110					09/12/25 06:48	10/05/25 11:04	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	3.08		0.705	0.733	5.00	0.737	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 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	2.42		0.477	0.524	1.00	0.319	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					09/12/25 06:41	10/06/25 08:12	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	1.68		0.650	0.668	1.00	0.861	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	80.0		30 - 110					09/12/25 06:48	10/05/25 11:04	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	4.10		0.806	0.849	5.00	0.861	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.15		0.797	0.820	1.00	0.868	pCi/L	09/15/25 08:04	10/07/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.7		30 - 110					09/15/25 08:04	10/07/25 21:47	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	3.84	G	1.27	1.32	1.00	1.55	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.7		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	82.2		30 - 110					09/15/25 08:12	10/07/25 09:37	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	5.99		1.50	1.55	5.00	1.55	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.643		0.303	0.308	1.00	0.341	pCi/L	09/15/25 08:04	10/07/25 21:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.3		30 - 110					09/15/25 08:04	10/07/25 21:48	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	1.56		0.668	0.683	1.00	0.913	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.3		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	73.3		30 - 110					09/15/25 08:12	10/07/25 09:37	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	2.20		0.734	0.749	5.00	0.913	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.463		0.317	0.320	1.00	0.449	pCi/L	09/15/25 08:04	10/07/25 21:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					09/15/25 08:04	10/07/25 21:48	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	3.06		0.703	0.757	1.00	0.703	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	83.4		30 - 110					09/15/25 08:12	10/07/25 09:37	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	3.52		0.771	0.822	5.00	0.703	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.39		0.831	0.859	1.00	0.756	pCi/L	09/16/25 07:53	10/08/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	57.1		30 - 110					09/16/25 07:53	10/08/25 20:49	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	3.39	G	1.39	1.43	1.00	1.83	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	57.1		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	76.6		30 - 110					09/16/25 08:00	10/08/25 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	5.78		1.62	1.67	5.00	1.83	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.519		0.276	0.280	1.00	0.356	pCi/L	09/16/25 07:53	10/08/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/16/25 07:53	10/08/25 20:49	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	0.600		0.365	0.369	1.00	0.526	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	81.9		30 - 110					09/16/25 08:00	10/08/25 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	1.12		0.458	0.463	5.00	0.526	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.423	U	0.219	0.219	1.00	0.423	pCi/L	09/16/25 07:53	10/08/25 23:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					09/16/25 07:53	10/08/25 23:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.865	U	0.538	0.540	1.00	0.865	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	75.5		30 - 110					09/16/25 08:00	10/08/25 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	<0.865	U	0.581	0.583	5.00	0.865	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

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	1.40		0.409	0.428	1.00	0.418	pCi/L	09/17/25 08:17	10/10/25 20:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					09/17/25 08:17	10/10/25 20:44	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	1.50		0.458	0.478	1.00	0.532	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	85.2		30 - 110					09/17/25 08:22	10/10/25 12:07	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	2.90		0.614	0.642	5.00	0.532	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

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	0.393		0.248	0.250	1.00	0.331	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					09/17/25 08:17	10/10/25 20:45	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	0.879		0.433	0.440	1.00	0.597	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	83.4		30 - 110					09/17/25 08:22	10/10/25 12:07	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	1.27		0.499	0.506	5.00	0.597	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

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	0.976		0.329	0.340	1.00	0.332	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					09/17/25 08:17	10/10/25 20:45	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	1.19		0.419	0.433	1.00	0.519	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	87.1		30 - 110					09/17/25 08:22	10/10/25 12:07	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		0.533	0.551	5.00	0.519	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

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	1.85		0.437	0.468	1.00	0.348	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/17/25 08:17	10/10/25 20:45	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	1.36		0.456	0.473	1.00	0.554	pCi/L	09/17/25 08:22	10/10/25 12:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/17/25 08:22	10/10/25 12:08	1
Y Carrier	86.4		30 - 110					09/17/25 08:22	10/10/25 12:08	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	3.21		0.632	0.665	5.00	0.554	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

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	1.38		0.310	0.334	1.00	0.261	pCi/L	09/18/25 07:57	10/10/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					09/18/25 07:57	10/10/25 07:56	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	<0.619	U	0.366	0.367	1.00	0.619	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	79.6		30 - 110					10/10/25 07:58	10/17/25 12:04	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	1.63		0.480	0.496	5.00	0.619	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

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	0.805		0.288	0.297	1.00	0.290	pCi/L	09/18/25 07:57	10/10/25 07:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	58.4		30 - 110					09/18/25 07:57	10/10/25 07:57	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.650	U	0.422	0.425	1.00	0.650	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	81.9		30 - 110					10/10/25 07:58	10/17/25 12:04	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	1.36		0.511	0.518	5.00	0.650	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

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	0.462		0.219	0.222	1.00	0.259	pCi/L	09/18/25 07:57	10/10/25 07:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.5		30 - 110					09/18/25 07:57	10/10/25 07:57	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.563		0.360	0.364	1.00	0.524	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.3		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	83.4		30 - 110					10/10/25 07:58	10/17/25 12:04	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	1.03		0.421	0.426	5.00	0.524	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

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	1.18		0.362	0.378	1.00	0.335	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					09/19/25 07:53	10/13/25 19:34	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	1.20		0.616	0.626	1.00	0.859	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	80.7		30 - 110					09/19/25 08:00	10/13/25 15:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.37		0.714	0.731	5.00	0.859	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

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		0.370	0.388	1.00	0.330	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					09/19/25 07:53	10/13/25 19:34	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	2.23		0.723	0.751	1.00	0.858	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	79.6		30 - 110					09/19/25 08:00	10/13/25 15:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.53		0.812	0.845	5.00	0.858	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

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	0.834		0.310	0.319	1.00	0.303	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					09/19/25 07:53	10/13/25 19:34	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	1.66		0.704	0.720	1.00	0.931	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	80.0		30 - 110					09/19/25 08:00	10/13/25 15:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.49		0.769	0.788	5.00	0.931	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.640		0.333	0.338	1.00	0.425	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					09/23/25 07:59	10/15/25 17:14	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	2.53		0.669	0.709	1.00	0.758	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	80.4		30 - 110					09/23/25 08:05	10/15/25 10:04	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	3.17		0.747	0.785	5.00	0.758	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.08		0.366	0.379	1.00	0.380	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.55		0.488	0.508	1.00	0.576	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	83.4		30 - 110					09/23/25 08:05	10/15/25 10:04	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		0.610	0.634	5.00	0.576	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.13		0.353	0.367	1.00	0.327	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.52		0.514	0.532	1.00	0.636	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	78.9		30 - 110					09/23/25 08:05	10/15/25 10:04	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	2.64		0.624	0.646	5.00	0.636	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

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	<0.350	U	0.224	0.225	1.00	0.350	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					09/23/25 07:59	10/15/25 17:14	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		0.454	0.467	1.00	0.574	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	82.6		30 - 110					09/23/25 08:05	10/15/25 10:04	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	1.41		0.506	0.518	5.00	0.574	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

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	0.590		0.282	0.287	1.00	0.340	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.33		0.461	0.477	1.00	0.564	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	81.1		30 - 110					09/23/25 08:05	10/15/25 10:04	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	1.92		0.540	0.557	5.00	0.564	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

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	<0.302	U	0.191	0.191	1.00	0.302	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/23/25 07:59	10/15/25 17:14	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	0.885		0.438	0.446	1.00	0.608	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	78.9		30 - 110					09/23/25 08:05	10/15/25 10:04	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	1.06		0.478	0.485	5.00	0.608	pCi/L		10/17/25 15:42	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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 CCR 3Q25

Job ID: 500-274319-2

Rad

Prep Batch: 735742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	PrecSep-21	
500-274319-2	T06S	Total/NA	Water	PrecSep-21	
500-274319-3	T06S Dup	Total/NA	Water	PrecSep-21	
MB 160-735742/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-735742/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 735743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	PrecSep_0	
500-274319-2	T06S	Total/NA	Water	PrecSep_0	
500-274319-3	T06S Dup	Total/NA	Water	PrecSep_0	
MB 160-735743/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-735743/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	PrecSep-21	
500-274319-5	T08S	Total/NA	Water	PrecSep-21	
500-274319-6	T03S	Total/NA	Water	PrecSep-21	
MB 160-736041/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736041/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	PrecSep_0	
500-274319-5	T08S	Total/NA	Water	PrecSep_0	
500-274319-6	T03S	Total/NA	Water	PrecSep_0	
MB 160-736042/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736042/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	PrecSep-21	
500-274319-8	T11S	Total/NA	Water	PrecSep-21	
500-274319-9	T05S	Total/NA	Water	PrecSep-21	
MB 160-736235/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736235/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	PrecSep_0	
500-274319-8	T11S	Total/NA	Water	PrecSep_0	
500-274319-9	T05S	Total/NA	Water	PrecSep_0	
MB 160-736236/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736236/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	PrecSep-21	
500-274319-11	G33S	Total/NA	Water	PrecSep-21	
500-274319-12	T12S	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Rad (Continued)

Prep Batch: 736377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-13	G41S	Total/NA	Water	PrecSep-21	
MB 160-736377/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736377/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	PrecSep_0	
500-274319-11	G33S	Total/NA	Water	PrecSep_0	
500-274319-12	T12S	Total/NA	Water	PrecSep_0	
500-274319-13	G41S	Total/NA	Water	PrecSep_0	
MB 160-736378/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736378/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	PrecSep-21	
500-274319-15	G48S	Total/NA	Water	PrecSep-21	
500-274319-16	G47S	Total/NA	Water	PrecSep-21	
MB 160-736495/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736495/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	PrecSep-21	
500-274319-18	G46S	Total/NA	Water	PrecSep-21	
500-274319-19	R08S	Total/NA	Water	PrecSep-21	
MB 160-736722/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736722/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	PrecSep_0	
500-274319-18	G46S	Total/NA	Water	PrecSep_0	
500-274319-19	R08S	Total/NA	Water	PrecSep_0	
MB 160-736723/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736723/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 737254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	PrecSep-21	
500-274319-21	R32S	Total/NA	Water	PrecSep-21	
500-274319-22	G45S	Total/NA	Water	PrecSep-21	
500-274319-23	T13S	Total/NA	Water	PrecSep-21	
500-274319-24	G44S	Total/NA	Water	PrecSep-21	
500-274319-25	G39S	Total/NA	Water	PrecSep-21	
MB 160-737254/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-737254/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 737255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Rad (Continued)

Prep Batch: 737255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-21	R32S	Total/NA	Water	PrecSep_0	
500-274319-22	G45S	Total/NA	Water	PrecSep_0	
500-274319-23	T13S	Total/NA	Water	PrecSep_0	
500-274319-24	G44S	Total/NA	Water	PrecSep_0	
500-274319-25	G39S	Total/NA	Water	PrecSep_0	
MB 160-737255/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-737255/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 740090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	PrecSep_0	
500-274319-15	G48S	Total/NA	Water	PrecSep_0	
500-274319-16	G47S	Total/NA	Water	PrecSep_0	
MB 160-740090/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-740090/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-274319-16 DU	G47S	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-735742/1-A
Matrix: Water
Analysis Batch: 739345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735742

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.267	U	0.165	0.166	1.00	0.267	pCi/L	09/12/25 06:41	10/06/25 08:11	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					09/12/25 06:41	10/06/25 08:11	1

Lab Sample ID: LCS 160-735742/2-A
Matrix: Water
Analysis Batch: 739345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735742

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	8.795		1.12	1.00	0.282	pCi/L	92	75 - 125
Carrier	LCS		Limits						
Ba Carrier	%Yield	Qualifier	30 - 110						

Lab Sample ID: MB 160-736041/1-A
Matrix: Water
Analysis Batch: 739535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736041

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.296	U	0.206	0.208	1.00	0.296	pCi/L	09/15/25 08:04	10/07/25 21:46	1
Carrier	MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					09/15/25 08:04	10/07/25 21:46	1

Lab Sample ID: LCS 160-736041/2-A
Matrix: Water
Analysis Batch: 739535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736041

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	9.315		1.22	1.00	0.292	pCi/L	97	75 - 125
Carrier	LCS		Limits						
Ba Carrier	%Yield	Qualifier	30 - 110						

Lab Sample ID: MB 160-736235/1-A
Matrix: Water
Analysis Batch: 739713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736235

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	<0.332	U	0.178	0.178	1.00	0.332	pCi/L	09/16/25 07:53	10/08/25 20:48	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: MB 160-736235/1-A
Matrix: Water
Analysis Batch: 739713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736235

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110	09/16/25 07:53	10/08/25 20:48	1

Lab Sample ID: LCS 160-736235/2-A
Matrix: Water
Analysis Batch: 739713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736235

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.789		1.19	1.00	0.375	pCi/L	92	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	92.2		30 - 110

Lab Sample ID: MB 160-736377/1-A
Matrix: Water
Analysis Batch: 740104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736377

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.327	U	0.181	0.181	1.00	0.327	pCi/L	09/17/25 08:17	10/10/25 20:46	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110	09/17/25 08:17	10/10/25 20:46	1

Lab Sample ID: LCS 160-736377/2-A
Matrix: Water
Analysis Batch: 740104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736377

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.605		1.17	1.00	0.326	pCi/L	90	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.0		30 - 110

Lab Sample ID: MB 160-736495/1-A
Matrix: Water
Analysis Batch: 740104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736495

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.321	U	0.184	0.184	1.00	0.321	pCi/L	09/18/25 07:57	10/10/25 07:56	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	57.9		30 - 110	09/18/25 07:57	10/10/25 07:56	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736495/2-A
Matrix: Water
Analysis Batch: 740104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736495

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-226	9.57	8.017		1.04	1.00	0.292	pCi/L	84	75 - 125	
Carrier		LCS %Yield	LCS Qualifier	Limits						
Ba Carrier		73.1		30 - 110						

Lab Sample ID: MB 160-736722/1-A
Matrix: Water
Analysis Batch: 740415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736722

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Carrier		MB %Yield	MB Qualifier	Limits			Prepared		Analyzed	Dil Fac
Ba Carrier		88.6		30 - 110			09/19/25 07:53		10/13/25 19:33	1

Lab Sample ID: LCS 160-736722/2-A
Matrix: Water
Analysis Batch: 740415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736722

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-226	9.57	7.955		1.14	1.00	0.427	pCi/L	83	75 - 125	
Carrier		LCS %Yield	LCS Qualifier	Limits						
Ba Carrier		84.0		30 - 110						

Lab Sample ID: MB 160-737254/1-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737254

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Carrier		MB %Yield	MB Qualifier	Limits			Prepared		Analyzed	Dil Fac
Ba Carrier		87.8		30 - 110			09/23/25 07:59		10/15/25 17:13	1

Lab Sample ID: LCS 160-737254/2-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737254

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-226	9.57	9.847		1.29	1.00	0.349	pCi/L	103	75 - 125	

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-737254/2-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737254

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.4		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-735743/1-A
Matrix: Water
Analysis Batch: 739146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735743

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.7111		0.398	0.403	1.00	0.569	pCi/L	09/12/25 06:48	10/05/25 11:03	1
Carrier	MB %Yield	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac		
Ba Carrier	85.4		30 - 110			09/12/25 06:48	10/05/25 11:03	1		
Y Carrier	83.7		30 - 110			09/12/25 06:48	10/05/25 11:03	1		

Lab Sample ID: LCS 160-735743/2-A
Matrix: Water
Analysis Batch: 739146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735743

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	9.01	9.246		1.28	1.00	0.551	pCi/L	103	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	92.9		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: MB 160-736042/1-A
Matrix: Water
Analysis Batch: 739535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736042

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.951	U	0.445	0.446	1.00	0.951	pCi/L	09/15/25 08:12	10/07/25 14:07	1
Carrier	MB %Yield	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac		
Ba Carrier	84.4		30 - 110			09/15/25 08:12	10/07/25 14:07	1		
Y Carrier	82.6		30 - 110			09/15/25 08:12	10/07/25 14:07	1		

Lab Sample ID: LCS 160-736042/2-A
Matrix: Water
Analysis Batch: 739535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736042

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	9.00	9.568		1.30	1.00	0.545	pCi/L	106	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736042/2-A
Matrix: Water
Analysis Batch: 739535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736042

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	88.5		30 - 110
Y Carrier	82.6		30 - 110

Lab Sample ID: MB 160-736236/1-A
Matrix: Water
Analysis Batch: 739713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736236

Analyte	MB Result	MB Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.543	U	0.303	0.303	1.00	0.543	pCi/L	09/16/25 07:59	10/08/25 11:56	1

Carrier	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	92.7		30 - 110	09/16/25 07:59	10/08/25 11:56	1
Y Carrier	82.2		30 - 110	09/16/25 07:59	10/08/25 11:56	1

Lab Sample ID: LCS 160-736236/2-A
Matrix: Water
Analysis Batch: 739713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736236

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	9.00	9.347		1.29	1.00	0.502	pCi/L	104	75 - 125

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	92.2		30 - 110
Y Carrier	78.5		30 - 110

Lab Sample ID: MB 160-736378/1-A
Matrix: Water
Analysis Batch: 740102

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736378

Analyte	MB Result	MB Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.9639		0.451	0.459	1.00	0.620	pCi/L	09/17/25 08:22	10/10/25 12:00	1

Carrier	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	83.9		30 - 110	09/17/25 08:22	10/10/25 12:00	1
Y Carrier	80.4		30 - 110	09/17/25 08:22	10/10/25 12:00	1

Lab Sample ID: LCS 160-736378/2-A
Matrix: Water
Analysis Batch: 740102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736378

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	8.99	11.28		1.47	1.00	0.617	pCi/L	125	75 - 125

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736378/2-A
Matrix: Water
Analysis Batch: 740102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736378

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	88.0		30 - 110
Y Carrier	86.0		30 - 110

Lab Sample ID: MB 160-736723/1-A
Matrix: Water
Analysis Batch: 740415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736723

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.965	U	0.590	0.593	1.00	0.965	pCi/L	09/19/25 08:00	10/13/25 15:51	1

Carrier	MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	88.6		30 - 110	09/19/25 08:00	10/13/25 15:51	1
Y Carrier	80.4		30 - 110	09/19/25 08:00	10/13/25 15:51	1

Lab Sample ID: LCS 160-736723/2-A
Matrix: Water
Analysis Batch: 740416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736723

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	8.98	8.381		1.21	1.00	0.598	pCi/L	93	75 - 125

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	84.0		30 - 110
Y Carrier	83.0		30 - 110

Lab Sample ID: MB 160-737255/1-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737255

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.584	U	0.368	0.370	1.00	0.584	pCi/L	09/23/25 08:05	10/15/25 10:03	1

Carrier	MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	87.8		30 - 110	09/23/25 08:05	10/15/25 10:03	1
Y Carrier	82.6		30 - 110	09/23/25 08:05	10/15/25 10:03	1

Lab Sample ID: LCS 160-737255/2-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737255

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	8.01	10.63		1.40	1.00	0.492	pCi/L	133	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-737255/2-A
Matrix: Water
Analysis Batch: 740745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737255

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	90.4		30 - 110
Y Carrier	83.7		30 - 110

Lab Sample ID: MB 160-740090/1-A
Matrix: Water
Analysis Batch: 741119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740090

Analyte	MB Result	MB Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.6081		0.394	0.398	1.00	0.586	pCi/L	10/10/25 07:58	10/17/25 12:04	1

Carrier	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	86.8		30 - 110	10/10/25 07:58	10/17/25 12:04	1
Y Carrier	81.1		30 - 110	10/10/25 07:58	10/17/25 12:04	1

Lab Sample ID: LCS 160-740090/2-A
Matrix: Water
Analysis Batch: 741119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740090

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-228	8.01	9.440		1.35	1.00	0.649	pCi/L	118	75 - 125

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	85.3		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 500-274319-16 DU
Matrix: Water
Analysis Batch: 741148

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 740090

Analyte	Sample Result	Sample Qual	DU	DU	Total	RL	MDC	Unit	RER	Limit
			Result	Qual	Uncert. (2σ+/-)					
Radium-228	0.563		0.9722		0.412	1.00	0.494	pCi/L	0.53	1

Carrier	DU	DU	Limits
	%Yield	Qualifier	
Ba Carrier	79.4		30 - 110
Y Carrier	84.5		30 - 110

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

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 500-137751 50642 1																																										
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 1 of 3																																										
Company Midwest Generation EME LLC			PWSID	Analysis Requested					Job # <i>500-274319</i>																																									
Address 1800 Channahon Road		Due Date Requested		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">903.0 - Standard Target List</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Ra226Ra228_GFFC - Local Method</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">904.0 - Standard Target List</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">6020A, 7470A</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></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_GFFC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E	Total Number of containers																																	Preservation Codes D HNO3 N None	
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																																						
City Joliet		TAT Requested (days)		 <p>500-274319 COC</p>					Other																																									
State Zip IL, 60436		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No							Special Instructions/Note																																									
Phone		PO # 4502187984																																																
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/oli, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code	D	D	D	D	N	Total Number of containers	Special Instructions/Note																																					
6008		<i>09/09/25</i>	<i>1003</i>	Water			/	/	/	/	/	5																																						
<i>2</i> 6205		<i>09/09/25</i>	<i>1208</i>	Water			/	/	/	/	/	5																																						
<i>3</i> 6328		<i>09/09/25</i>	<i>1208</i>	Water			/	/	/	/	/	5																																						
6448				Water																																														
6456				Water																																														
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18410 Crossing Drive Suite E
 Tinley Park, IL 60487
 Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Client Information		Sampler: <i>Noe L., John H.</i>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500 137751-50642 1					
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page: <i>Page 1 of 3</i>					
Company: Midwest Generation EME LLC		PWSID:		Analysis Req				Job #: <i>500-274319</i>					
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No)		500-274319 COC		Preservation Codes: D HNO3, N None					
City: Joliet		TAT Requested (days)		Perform MS/MSD (Yes or No)				Other					
State Zip: IL, 60436		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		903.0 - Standard Target List				Total Number of containers					
Phone:		PO #: 4502187984		Raz226Ra228_GFPC - Local Method				Special Instructions/Note.					
Email: james.thorne@nrg.com		WO #		904.0 - Standard Target List									
Project Name: Joliet #9 CCR		Project #: 50011504		6020A, 7470A									
Site: Illinois		SSOW#		2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E									
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_GFPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note.
<i>4</i> R005	<i>09/10/25</i>	<i>0946</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"/>	<i>5</i>	
<i>5</i> G205	<i>09/10/25</i>	<i>1240</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"/>	<i>5</i>	
<i>6</i> R325	<i>09/10/25</i>	<i>1421</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"/>	<i>5</i>	
G445				Water									
G465				Water									
G485				Water									
G470				Water									
G485				Water									
T035				Water									
G305				Water									
DUP				Water									
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:		Date/Time: <i>09/10/25 1550</i>		Company: <i>EEEA</i>		Received by: <i>Supriya Hemmond</i>		Date/Time: <i>9/10/25 1550</i>		Company: <i>EEEA</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>1.7+1.5</i>									



Eurofins Chicago

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

Chain of Custody Record

eurofins | i n t

Client Information		Sampler <i>Noe L.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137751-50642 2																																																																																																																																																
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et eurofinsus com		Site		Page: Page 2 of 3																																																																																																																																																
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State Zip: IL, 60436		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		Perform MS/MSD (Yes or No)		903.0 - Standard Target List				Special Instructions/Note																																																																																																																																														
Phone		PO #: 4502187984		904.0 - Standard Target List		9020A, 7470A		Preservation Code																																																																																																																																																
Email: james.thorne@nrg.com		WO #:		2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>903.0 - Standard Target List</th> <th>904.0 - Standard Target List</th> <th>9020A, 7470A</th> <th>2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E</th> <th>Total Number of containers</th> <th>Special Instructions/Note</th> </tr> <tr> <td>G31S</td> <td>09/12/25</td> <td>0919</td> <td></td> <td>Water</td> <td></td> <td></td> <td>/</td> <td>/</td> <td>/</td> <td>/</td> <td>5</td> <td></td> </tr> <tr> <td>G33S</td> <td>09/12/25</td> <td>1023</td> <td></td> <td>Water</td> <td></td> <td></td> <td>/</td> <td>/</td> <td>/</td> <td>/</td> <td>5</td> <td></td> </tr> <tr> <td>T018 <i>T125</i></td> <td>09/12/25</td> <td>1210</td> <td></td> <td>Water</td> <td></td> <td></td> <td>/</td> <td>/</td> <td>/</td> <td>/</td> <td>5</td> <td></td> </tr> <tr> <td>T025 <i>6415</i></td> <td>09/12/25</td> <td>1321</td> <td></td> <td>Water</td> <td></td> <td></td> <td>/</td> <td>/</td> <td>/</td> <td>/</td> <td>5</td> <td></td> </tr> <tr> <td>T045</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>T065</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>T085</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>T095</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>T125</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>T135</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		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	9020A, 7470A	2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E	Total Number of containers	Special Instructions/Note	G31S	09/12/25	0919		Water			/	/	/	/	5		G33S	09/12/25	1023		Water			/	/	/	/	5		T018 <i>T125</i>	09/12/25	1210		Water			/	/	/	/	5		T025 <i>6415</i>	09/12/25	1321		Water			/	/	/	/	5		T045				Water									T065				Water									T085				Water									T095				Water									T125				Water									T135				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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	9020A, 7470A			2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E	Total Number of containers	Special Instructions/Note																																																																																																																																										
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Project Name: Joliet #9 CCR		Project #: 50011504		903.0 - Standard Target List		904.0 - Standard Target List		9020A, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E		Total Number of containers		Special Instructions/Note																																																																																																																																										
Site: Illinois		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		904.0 - Standard Target List		9020A, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_S04_E																																																																																																																																										
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Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): 500-211421.1							
Client Contact: TestAmerica Laboratories, Inc.		Phone: N/A	E-Mail: Diana.Mockler@eurofins.com	Page: Page 1 of 1							
Address: 13715 Rider Trail North, Earth City, MO, 63045		State of Origin: Illinois		Job #: 500-274319-2							
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		Accreditations Required (See note): NELAP - Illinois		Preservation Codes:							
Email: N/A		Due Date Requested: 10/7/2025									
Project Name: Joliet #9 (Quarry) CCR		TAT Requested (days): N/A									
Site: NRG Midwest Generation LSQ Joliet #9 CCR		PO #: N/A									
		WO #: N/A									
		Project #: 50011504									
		SSOW#: N/A									
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Seawater, Oil, etc)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_05 Standard Target List	Ra226Ra228, GFPC	Total Number of Containers	Special Instructions/Note:
T09S (500-274319-1)	9/9/25	10:03 Central	G	Water	X	X	X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
T06S (500-274319-2)	9/9/25	12:08 Central	G	Water	X	X	X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
Dup of T06S (500-274319-3)	9/9/25	12:08 Central	G	Water	X	X	X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
<p>Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.</p>											
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2</p> <p>Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____</p> <p>Relinquished by: <i>Shirley Booth</i> Date/Time: 9/10/25 15:35 Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____</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>											



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab Pkt: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-211569-1
Client Contact: N/A		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.	Accreditations Required (See note): NELAP - Illinois	Job #: 500-274319-2	Preservation Codes:
Address: 13715 Rider Trail North,		Due Date Requested: 9/30/2025	Analysis Requested		
City: Earth City		TAT Requested (days): N/A	903.0/PreSep_21 Standard Target List		
State, Zip: MO, 63045		PO #: N/A	904.0/PreSep_05 Standard Target List		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A	Ra226Ra228_GFPc		
Email: N/A		Project #: 50011504	Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>		
Project Name: Joliet #9 CCR 3Q25		SSOW#: N/A	Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>		
Site: NRG Midwest Generation LSQ Joliet #9 CCR		Special Instructions/Note:			
Sample Identification - Client ID (Lab ID)		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.			
T01S (500-274319-7)	Sample Date: 9/11/25	Sample Time: 09:48 Central	Sample Type (C=comp, G=grab): G	Matrix (W=water, S=solid, O=wash/oil): Water	3
T11S (500-274319-8)	Sample Date: 9/11/25	Sample Time: 11:49 Central	Sample Type (C=comp, G=grab): G	Matrix (W=water, S=solid, O=wash/oil): Water	3
T05S (500-274319-9)	Sample Date: 9/11/25	Sample Time: 14:09 Central	Sample Type (C=comp, G=grab): G	Matrix (W=water, S=solid, O=wash/oil): Water	3
Total Number of Containers: 3					
Other: N/A					

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

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

Empty Kit Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: *Ami* Date: 9/10/25 1550 Company: Meadow Pinette
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Custody Seals Intact: Custody Seals Intact: _____ Cooler Temperature(s) °C and Other Remarks: _____
 Δ Yes Δ No

Special Instructions/QC Requirements:
 Return To Client Disposal By Lab Archive For _____ Months

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4,1.5,0.7,1.1,1.2,0.6,-0.1,1.9 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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: 500-274319-2

Login Number: 274319

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/11/25 12:03 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: 500-274319-2

Login Number: 274319

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 09/12/25 11:30 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: 500-274319-2

Login Number: 274319

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 09/15/25 11:10 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: 500-274319-2

Login Number: 274319

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/16/25 01:42 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: 500-274319-2

Login Number: 274319

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/17/25 12:23 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.



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/18/25 12:44 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: 500-274319-2

Login Number: 274319

List Number: 8

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/22/25 12:48 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 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:47
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:48
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:48
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739694	SWS	EET SL	10/08/25 20:49
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739694	SWS	EET SL	10/08/25 20:49
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739713	SWS	EET SL	10/08/25 23:18
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:44
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:08
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:56
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:57
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:57
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Laboratory References:

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



Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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	07-01-26
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-26
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	10-01-26
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-26
Missouri	State	780	06-30-28
Nevada	State	MO00054	07-31-26
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-26
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-30-26
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	12-31-25
Oregon	NELAP	4157	09-01-26
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-26
Texas	NELAP	T104704193	07-31-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-26
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-31-26
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 CCR 3Q25

Job ID: 500-274319-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba	
		(30-110)	
500-274319-1	T09S	84.6	
500-274319-2	T06S	71.5	
500-274319-3	T06S Dup	71.2	
500-274319-4	T02S	63.7	
500-274319-5	T08S	68.3	
500-274319-6	T03S	88.0	
500-274319-7	T01S	57.1	
500-274319-8	T11S	87.1	
500-274319-9	T05S	81.2	
500-274319-10	G31S	87.8	
500-274319-11	G33S	78.0	
500-274319-12	T12S	90.7	
500-274319-13	G41S	85.9	
500-274319-14	G42S	86.3	
500-274319-15	G48S	58.4	
500-274319-16	G47S	68.5	
500-274319-17	G20S	88.3	
500-274319-18	G46S	90.4	
500-274319-19	R08S	85.5	
500-274319-20	G30S	74.6	
500-274319-21	R32S	85.3	
500-274319-22	G45S	88.8	
500-274319-23	T13S	84.0	
500-274319-24	G44S	88.6	
500-274319-25	G39S	87.1	
LCS 160-735742/2-A	Lab Control Sample	92.9	
LCS 160-736041/2-A	Lab Control Sample	88.5	
LCS 160-736235/2-A	Lab Control Sample	92.2	
LCS 160-736377/2-A	Lab Control Sample	88.0	
LCS 160-736495/2-A	Lab Control Sample	73.1	
LCS 160-736722/2-A	Lab Control Sample	84.0	
LCS 160-737254/2-A	Lab Control Sample	90.4	
MB 160-735742/1-A	Method Blank	85.4	
MB 160-736041/1-A	Method Blank	84.4	
MB 160-736235/1-A	Method Blank	92.7	
MB 160-736377/1-A	Method Blank	83.9	
MB 160-736495/1-A	Method Blank	57.9	
MB 160-736722/1-A	Method Blank	88.6	
MB 160-737254/1-A	Method Blank	87.8	

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba	Y
		(30-110)	(30-110)
500-274319-1	T09S	84.6	84.5

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
 Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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)
500-274319-2	T06S	71.5	79.3
500-274319-3	T06S Dup	71.2	80.0
500-274319-4	T02S	63.7	82.2
500-274319-5	T08S	68.3	73.3
500-274319-6	T03S	88.0	83.4
500-274319-7	T01S	57.1	76.6
500-274319-8	T11S	87.1	81.9
500-274319-9	T05S	81.2	75.5
500-274319-10	G31S	87.8	85.2
500-274319-11	G33S	78.0	83.4
500-274319-12	T12S	90.7	87.1
500-274319-13	G41S	85.9	86.4
500-274319-14	G42S	81.1	79.6
500-274319-15	G48S	78.1	81.9
500-274319-16	G47S	82.3	83.4
500-274319-16 DU	G47S	79.4	84.5
500-274319-17	G20S	88.3	80.7
500-274319-18	G46S	90.4	79.6
500-274319-19	R08S	85.5	80.0
500-274319-20	G30S	74.6	80.4
500-274319-21	R32S	85.3	83.4
500-274319-22	G45S	88.8	78.9
500-274319-23	T13S	84.0	82.6
500-274319-24	G44S	88.6	81.1
500-274319-25	G39S	87.1	78.9
LCS 160-735743/2-A	Lab Control Sample	92.9	81.9
LCS 160-736042/2-A	Lab Control Sample	88.5	82.6
LCS 160-736236/2-A	Lab Control Sample	92.2	78.5
LCS 160-736378/2-A	Lab Control Sample	88.0	86.0
LCS 160-736723/2-A	Lab Control Sample	84.0	83.0
LCS 160-737255/2-A	Lab Control Sample	90.4	83.7
LCS 160-740090/2-A	Lab Control Sample	85.3	81.1
MB 160-735743/1-A	Method Blank	85.4	83.7
MB 160-736042/1-A	Method Blank	84.4	82.6
MB 160-736236/1-A	Method Blank	92.7	82.2
MB 160-736378/1-A	Method Blank	83.9	80.4
MB 160-736723/1-A	Method Blank	88.6	80.4
MB 160-737255/1-A	Method Blank	87.8	82.6
MB 160-740090/1-A	Method Blank	86.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier