

DATA SUMMARY POSTING

Station: Midwest Generation Joliet #9 Generating Station

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

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 1st 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. In addition, Table 2 provides a summary of turbidity data which was collected as part of State CCR Rule requirements which is a data parameter that was not required under the Federal CCR Rule.

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

Table 1. Groundwater Analytical 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
G45S up-gradient	11/20/2015	0.81	120	180	0.35	7.20	360	810	< 0.003	0.0081	0.044	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.036	< 0.0002	0.0120	1.76	< 0.0025	< 0.002
	5/12/2016	0.68	110	140	0.34	7.37	230	860	< 0.003	0.0076	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.036	< 0.0002	0.0100	3.01	< 0.0025	< 0.002
	6/30/2016	0.48	87	110	0.34	7.50	170	670	< 0.003	0.0075	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.034	< 0.0002	0.008	2.05	< 0.0025	< 0.002
	8/25/2016	0.47	94	100	0.35	7.28	170	790	< 0.003	0.0076	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.031	< 0.0002	0.0086	1.91	< 0.0025	< 0.002
	11/16/2016	0.41	91	90	0.33	7.34	170	620	< 0.003	0.0079	0.033	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.0094	2.04	< 0.0025	< 0.002
	2/14/2017	0.43	97	97	0.32	7.36	160	620	< 0.003	0.0093	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.029	< 0.0002	0.0083	1.85	< 0.0025	< 0.002
	5/23/2017	0.36	85	110	0.35	7.30	150	660	< 0.003	0.0082	0.033	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.0093	1.40	< 0.0025	< 0.002
	7/7/2017	0.42	94	120	< 0.1	7.21	150	600	< 0.003	0.0086	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.030	< 0.0002	0.007	1.88	< 0.0025	< 0.002
	9/26/2017	0.43	110	130	0.3	7.21	160	790	< 0.003	0.0096	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.029	< 0.0002	0.0079	2.14	< 0.0025	< 0.002
	11/21/2017	0.34	96	130	0.33	7.29	180	700	< 0.003	0.0094	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.0072	8.45	< 0.0025	< 0.002
	3/9/2018	0.38	97	110	0.32	7.18	180	710	< 0.003	0.0093	0.036	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	^ < 0.0002	0.008	1.89	< 0.0025	< 0.002
	5/21/2018	0.76	110	150	0.33	7.00	230	970	NA	0.0072	0.047	NA	NA	NA	< 0.001	< 0.0005	0.033	NA	0.013	2.37	< 0.0025	NA
	12/7/2018	0.46	91	120	0.33	7.02	100	740	NA	0.0090	0.034	NA	NA	NA	< 0.001	< 0.0005	0.031	NA	0.0100	1.910	< 0.0025	NA
	6/28/2019	0.39	96	130	0.33	7.51	120	720	NA	0.0100	0.039	NA	NA	NA	< 0.001	< 0.0005	0.032	NA	0.0087	1.99	< 0.0025	NA
	11/14/2019	0.48	110	170	0.33	7.33	170	830	NA	< 0.0100	0.042	NA	NA	NA	< 0.001	< 0.0005	0.034	NA	0.0100	2.89	< 0.010	NA
	6/26/2020	0.62	130	220	0.33	7.21	240	970	NA	0.011	0.049	NA	NA	NA	< 0.001	< 0.0005	0.039	NA	0.0088	3.1	< 0.0025	NA
	12/11/2020	0.70	120	180	0.38	7.16	220	760	NA	0.011	0.042	NA	NA	NA	< 0.001	^+ < 0.0005	0.038	NA	0.012	1.88	< 0.0025	NA
	6/28/2021	0.44	91	110	0.35	7.20	150	680	< 3.0	0.01	0.034	< 1.0	< 0.50	< 5.00	< 0.001	< 0.0005	0.031	< 0.0002	0.0083	2.14	< 0.0025	< 2.0
	9/23/2021	0.39	85	110	0.35	7.43	140	690	< 0.003	0.01	0.36	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.030	< 0.0002	0.0076	2.77	< 0.0025	< 0.002
	12/16/2021	0.34	84	87	0.36	7.35	130	510	< 0.003	0.0092	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.0073	1.74	< 0.0025	< 0.002
	3/16/2022	< 0.5	130	86	0.36	7.35	130	700	< 0.003	0.0018	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.075	< 0.0002	0.0092	2.92	< 0.0025	< 0.002
	6/10/2022	0.34	84	110	0.35	7.28	130	630	< 0.003	0.0082	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.0072	2.17	< 0.0025	< 0.002
	9/26/2022	0.48	97	150	0.35	7.14	180	830	< 0.003	0.0086	0.042	^1+ ^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.029	< 0.0002	0.011	2.63	< 0.0025	< 0.002
	12/21/2022	0.39	110	190	0.72	7.06	190	920	< 0.003	0.0095	0.05	< 0.001	< 0.001	< 0.005	< 0.001	< 0.0005	0.029	< 0.0002	0.0089	2.91	< 0.0025	< 0.002
	3/23/2023	0.44	91	130	0.35	7.30	160	740	< 0.003	0.0096	0.04	< 0.001	< 0.001	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.011	2.28	< 0.0025	< 0.002
	6/30/2023	0.44	89	120	0.36	7.23	150	610	< 0.003	0.0094	0.038	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0050	0.031	< 0.00020	0.012	1.88	< 0.0025	< 0.002
	9/14/2023	0.46	67	120	0.36	7.35	F1 150	600	< 0.0020	0.010	0.033	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	0.026	< 0.00020	0.013	1.95	< 0.0050	< 0.0010
	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
	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
	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
	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
	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	0.0110	2.30	< 0.0025	< 0.0020
	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
T03S up-gradient	11/19/2015	0.5	110	75	0.22	7.07	250	710	< 0.003	0.0019	0.063	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.0260	1.101	< 0.0025	< 0.002
	5/5/2016	0.84	100	100	0.21	7.16	190	820	< 0.003	0.0013	0.081	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.03	1.43	< 0.0025	< 0.002
	6/28/2016	0.98	100	94	0.19	7.30	180	910	< 0.003	0.0011	0.086	< 0.001	< 0.0005	< 0.005	0.0011	< 0.0005	0.017	< 0.0002	0.037	1.18	< 0.0025	< 0.002

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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
R08S down-gradient	11/23/2015	6.9	130	77	0.19	7.80	520	740	< 0.003	0.0019	0.052	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.14	< 0.0002	0.410	1.608	0.0061	< 0.002
	5/6/2016	6.1	120	80	0.19	7.70	380	820	< 0.003	0.0013	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.14	< 0.0002	0.390	1.08	0.0079	< 0.002
	6/28/2016	6.8	130	89	0.18	7.49	320	960	< 0.003	0.0019	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.14	< 0.0002	0.37	1.87	F1 0.0074	< 0.002
	8/25/2016	6.3	120	84	0.19	7.54	350	890	< 0.003	0.0015	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.13	< 0.0002	0.33	1.50	0.0032	< 0.002
	11/21/2016	6.4	120	86	0.17	7.53	280	790	< 0.003	0.0016	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.140	< 0.0002	0.36	2.13	0.0037	< 0.002
	2/14/2017	5.4	150	220	0.17	7.60	280	1,000	< 0.003	0.002	0.081	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.120	< 0.0002	0.3	2.71	0.0029	< 0.002
	5/25/2017	12	250	90	0.17	7.56	340	830	< 0.006	0.0028	0.092	^ < 0.002	< 0.001	< 0.001	< 0.002	< 0.001	0.250	< 0.0002	0.64	0.821	0.021	< 0.004
	7/6/2017	6.3	140	87	0.17	7.62	350	830	< 0.003	0.002	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	^ < 0.0005	0.140	< 0.0002	0.35	1.15	0.0054	^ < 0.002
	9/25/2017	7.3	140	81	0.15	7.57	390	840	< 0.003	0.002	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	0.00067	0.130	< 0.0002	0.38	1.27	0.0079	< 0.002
	11/21/2017	7.3	130	89	0.15	8.05	380	800	< 0.003	0.0017	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.140	< 0.0002	0.34	1.09	0.015	< 0.002
	3/8/2018	7.4	150	83	0.14	8.62	420	850	< 0.003	0.0016	0.05	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.150	< 0.0002	0.37	1.55	0.012	< 0.002
	5/18/2018	7.7	140	82	0.14	8.25	320	920	NA	0.0013	0.046	NA	NA	NA	< 0.001	< 0.0005	0.150	NA	0.35	1.22	0.017	NA
	12/13/2018	7.7	140	79	0.15	8.11	240	800	NA	0.0012	0.046	NA	NA	NA	< 0.001	< 0.0005	0.150	NA	0.370	1.450	0.0170	NA
	6/19/2019	8.5	140	83	0.14	8.10	360	820	NA	0.0013	0.044	NA	NA	NA	< 0.001	< 0.0005	0.160	NA	0.370	1.5	0.0150	NA
	11/11/2019	6.4	140	84	0.15	7.91	360	730	NA	< 0.010	0.044	NA	NA	NA	< 0.001	< 0.0005	0.15	NA	0.340	1.31	0.0130	NA
	6/26/2020	7.9	140	83	0.15	8.32	370	750	NA	0.0011	0.043	NA	NA	NA	< 0.001	< 0.0005	0.14	NA	0.36	1.68	0.017	NA
	12/14/2020	8.0	130	88	0.18	8.15	400	700	NA	0.0015	0.040	NA	NA	NA	< 0.001	< 0.0005	0.14	NA	0.38	1.53	0.0081	NA
	6/23/2021	7.6	140	79	0.16	8.07	430	810	< 0.003	0.0011	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.15	H < 0.0002	0.37	1.46	0.011	< 0.002
	9/27/2021	0.41	150	80	0.15	8.27	430	740	< 0.003	0.0015	0.042	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0079	< 0.0002	0.40	1.23	0.013	< 0.002
	12/14/2021	7.80	150	77	0.15	8.37	410	830	< 0.003	< 0.001	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.14	< 0.0002	0.39	1.81	0.012	< 0.002
	3/11/2022	7.70	130	75	0.16	8.21	420	840	< 0.003	0.0014	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.13	< 0.0002	0.37	2.33	0.0027	< 0.002
	6/7/2022	8.70	150	72	0.14	7.94	420	800	< 0.003	0.0014	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.15	< 0.0002	0.40	1.33	0.012	< 0.002
	9/19/2022	8.40	140	79	0.14	8.47	430	780	< 0.003	0.0013	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.15	< 0.0002	0.39	1.63	0.015	< 0.002
	12/19/2022	8.20	140	81	0.35	8.91	370	750	< 0.003	0.001	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.13	< 0.0002	0.37	1.9	0.01	< 0.002
	3/22/2023	7.6	150	77	0.15	8.39	450	880	< 0.003	0.0012	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.16	< 0.0002	0.4	1.68	0.011	< 0.002
	6/28/2023	8.9	150	77	0.13	7.87	400	750	< 0.003	0.0013	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0050	0.16	< 0.00020	0.38	1.44	0.013	< 0.002
	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	< 0.00050	0.13	< 0.00020	0.34	0.950	0.0062	< 0.0040
	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
	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
	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
	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	0.4	1.65	0.0097	< 0.0020
	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
	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
G20S down-gradient	11/19/2015	1.2	59	12	0.82	7.73	110	410	< 0.003	< 0.001	0.049	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.036	< 0.0002	0.0068	2.078	< 0.0025	< 0.002
	5/11/2016	1.2	53	12	0.81	7.52	77	410	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.037	0.00027	0.011	2.52	< 0.0025	< 0.002
	6/29/2016	1.2	54	12	0.82	7.38	69	460	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	0.0011	< 0.0005	0.04	< 0.0002	0.014	2.79	< 0.0025	< 0.002
	8/23/2016	1.3	56	13	0.81	7.41	67	420	< 0.003	< 0.001	0.047	< 0.001	< 0.0005									

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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
G30S down-gradient	11/20/2015	5.80	63	190	1.3	7.46	580	1000	< 0.003	0.014	0.041	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.33	1.484	< 0.0025	< 0.002
	5/10/2016	5.4	53	190	1.30	7.68	390	1100	< 0.003	0.017	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.3	1.41	< 0.0025	< 0.002
	6/30/2016	5.2	60	F1 180	1.30	7.73	410	990	< 0.003	0.013	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.3	1.17	< 0.0025	< 0.002
	8/25/2016	5.7	59	F1 180	1.30	7.70	390	1100	< 0.003	0.015	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.31	1.87	< 0.0025	< 0.002
	11/18/2016	6.4	57	170	1.2	8.04	320	1100	< 0.003	0.016	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.33	2.36	< 0.0025	< 0.002
	2/14/2017	5.4	62	190	1.2	7.70	450	1000	< 0.003	0.011	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.24	1.84	< 0.0025	< 0.002
	5/25/2017	11	110	180	1.4	7.67	430	1100	< 0.006	0.019	0.078	^ < 0.002	< 0.001	< 0.01	< 0.002	< 0.001	0.04	< 0.0002	0.45	1.76	< 0.005	< 0.004
	7/7/2017	6.6	54	190	1.3	7.48	410	1100	< 0.003	0.011	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.26	1.59	< 0.0025	< 0.002
	9/26/2017	6.7	62	190	1.3	8.07	460	1100	< 0.003	0.011	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.2	1.41	< 0.0025	< 0.002
	11/20/2017	6.1	52	210	1.3	7.77	440	1100	< 0.003	0.01	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.19	1.73	< 0.0025	< 0.002
	3/7/2018	5.1	56	200	1.3	7.97	470	1100	< 0.003	0.011	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.14	1.94	< 0.0025	< 0.002
	5/17/2018	5.7	55	210	1.2	7.77	540	1100	NA	0.011	0.043	NA	NA	NA	< 0.001	< 0.0005	0.021	NA	0.13	1.57	F1 < 0.0025	NA
	12/15/2018	5.8	57	200	1.2	7.99	200	1100	NA	0.0069	0.041	NA	NA	NA	< 0.001	< 0.0005	0.022	NA	0.065	2.04	< 0.0025	NA
	6/26/2019	5.4	57	220	1.1	7.98	350	1100	NA	0.0074	0.041	NA	NA	NA	< 0.001	< 0.0005	0.018	NA	0.065	1.18	F1 < 0.0025	NA
	11/6/2019	4.5	58	210	1.1	7.99	350	1100	NA	0.01	0.041	NA	NA	NA	< 0.001	< 0.0005	0.019	NA	0.013	1.620	0.01	NA
	6/25/2020	4.9	57	220	1.1	8.33	410	1100	NA	0.0053	0.042	NA	NA	NA	< 0.001	< 0.0005	0.019	NA	0.02	2.19	< 0.0025	NA
	12/7/2020	5.3	57	220	1.2	7.83	450	1100	NA	0.0044	0.043	NA	NA	NA	< 0.001	< 0.0005	0.024	NA	0.018	2.16	< 0.0025	NA
	6/30/2021	B 5.9	61	200	1.1	7.88	470	1100	< 3.0	< 0.017	0.048	^1+ < 1.0	< 0.5	< 5.0	< 0.001	< 0.0005	0.024	< 0.0002	0.017	2.57	< 0.0025	< 2.0
	9/24/2021	0.26	60	210	0.99	8.16	460	1100	< 0.003	0.0038	0.047	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.012	2.23	< 0.0025	< 0.002
	12/15/2021	5.1	63	200	1	7.95	450	1200	< 0.003	0.0028	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.01	2.45	< 0.0025	< 0.002
	3/15/2022	4.9	57	200	1	7.91	480	1300	< 0.003	< 0.001	0.047	< 0.001	< 0.0005	< 0.005	0.0012	< 0.0005	0.039	< 0.0002	0.017	1.34	< 0.0025	< 0.002
	6/10/2022	5.1	60	200	0.99	7.29	450	1200	< 0.003	0.0024	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.0095	2.32	< 0.0025	< 0.002
	9/28/2022	4.9	60	200	0.98	7.72	470	1100	< 0.003	0.0023	0.044	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.014	2.43	< 0.0025	< 0.002
	12/19/2022	5.1	61	210	1.2	7.8	440	1200	< 0.003	0.002	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.0098	1.83	< 0.0025	< 0.002
	3/17/2023	5.2	63	200	0.93	7.82	470	1200	< 0.003	0.0022	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	0.00051	0.022	< 0.0002	0.01	1.22	< 0.0025	< 0.002
	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	< 0.0050	0.022	< 0.00020	0.0088	2.45	< 0.0025	< 0.0020
	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
	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	0.00072	0.021	< 0.00020	0.015	2.04	< 0.0025	< 0.0020
	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
	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
	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	< 0.05	< 0.00020	< 0.0050	2.19	< 0.0025	< 0.0020
	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
	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
R32S down-gradient	11/19/2015	1.3	99	88	0.28	7.32	210	640	< 0.003	0.0018	0.033	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.04	< 0.0002	0.16	1.928	< 0.0025	< 0.002
	5/5/2016	1.9	100	140	0.32	7.38	210	810	< 0.003	0.0034	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	0.0005	0.069	< 0.0002	0.29	2.26	< 0.0025	< 0.002
	6/29/2016	2.5	110	110	0.35	7.53	280	860	< 0.003	0.0021	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.065	< 0.0002	0.43	2.12	< 0.0025	< 0.002
	8/26/2016	3.0	120	100	0.4	7.30	330	850														

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
G44S down-gradient	11/20/2015	1.0	120	43	0.21	7.11	220	640	< 0.003	0.0012	0.053	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.1000	1.161	< 0.0025	< 0.002
	5/9/2016	0.91	110	37	0.18	7.39	120	690	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.046	< 0.415	< 0.0025	< 0.002
	6/30/2016	0.69	100	32	0.18	7.59	99	620	< 0.003	< 0.001	0.044	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.025	0.879	< 0.0025	< 0.002
	8/26/2016	0.89	120	36	0.19	7.12	110	710	< 0.003	< 0.001	0.053	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.047	0.816	< 0.0025	< 0.002
	11/16/2016	0.82	120	26	0.17	7.15	88	530	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.041	0.475	< 0.0025	< 0.002
	2/16/2017	0.86	120	30	0.15	7.38	120	620	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.044	0.729	< 0.0025	< 0.002
	5/24/2017	0.83	120	31	0.19	7.08	95	600	< 0.003	< 0.001	0.048	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.031	1.02	< 0.0025	< 0.002
	7/10/2017	0.83	110	30	< 0.1	7.00	110	700	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.061	0.667	< 0.0025	< 0.002
	9/28/2017	0.99	130	30	0.19	7.13	100	730	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.081	0.614	< 0.0025	< 0.002
	11/21/2017	0.79	110	35	0.18	7.06	120	640	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.055	0.913	< 0.0025	< 0.002
	3/7/2018	0.91	120	36	0.18	7.19	110	670	< 0.003	0.0014	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.049	1.31	< 0.0025	< 0.002
	5/17/2018	0.98	120	35	0.18	7.02	96	780	NA	< 0.001	0.054	NA	NA	NA	< 0.001	< 0.0005	0.016	NA	0.071	0.714	< 0.0025	NA
	12/10/2018	1.1	120	43	0.19	7.41	78	630	NA	< 0.001	0.057	NA	NA	NA	< 0.001	< 0.0005	0.019	NA	0.14	0.454	< 0.0025	NA
	6/19/2019	1.3	130	59	0.19	7.02	140	720	NA	< 0.001	0.062	NA	NA	NA	< 0.001	< 0.0005	0.023	NA	0.13	0.841	< 0.0025	NA
	11/12/2019	1.3	140	53	0.21	7.22	160	670	NA	< 0.01	0.065	NA	NA	NA	< 0.001	< 0.0005	0.026	NA	0.20	1.01	< 0.01	NA
	6/29/2020	1.4	130	52	0.21	7.30	160	670	NA	< 0.001	0.06	NA	NA	NA	< 0.001	< 0.0005	0.024	NA	0.15	1.860	< 0.0025	NA
	12/15/2020	1.7	140	52	0.25	7.17	180	650	NA	< 0.001	0.062	NA	NA	NA	< 0.001	< 0.0005	0.03	NA	0.28	1.18	< 0.0025	NA
	6/30/2021	B 1.9	120	65	0.21	7.00	170	730	< 3.0	< 0.001	0.058	^1+ < 1.0	< 0.5	< 5.0	< 0.001	< 0.0005	0.026	< 0.0002	0.22	1.29	< 0.0025	< 2.0
	9/27/2021	0.39	130	62	0.20	7.30	180	650	< 0.003	< 0.001	0.065	^+ < 0.001	< 0.0005	< 0.0005	< 0.001	< 0.0005	0.0056	< 0.0002	0.29	1.19	< 0.0025	< 0.002
	12/16/2021	1.9	140	62	0.20	7.21	170	690	< 0.003	< 0.001	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.29	1.12	< 0.0025	< 0.002
	3/15/2022	2.1	58	63	0.21	7.24	180	860	< 0.003	0.0025	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.0093	0.98	< 0.0025	< 0.002
	6/9/2022	1.6	130	75	0.20	7.02	160	730	< 0.003	< 0.001	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.17	1.36	< 0.0025	< 0.002
	9/26/2022	1.8	130	69	0.21	7.01	180	810	< 0.003	< 0.001	0.065	^1+ ^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.24	1.6	< 0.0025	< 0.002
	12/21/2022	1.9	130	67	0.49	7.07	180	870	< 0.003	< 0.001	0.069	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.29	1.84	< 0.0025	< 0.002
	3/15/2023	1.9	130	66	0.2	7.1	190	720	< 0.003	< 0.001	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.26	0.783	< 0.0025	< 0.002
	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	< 0.0050	0.026	< 0.00020	0.24	1.36	< 0.0025	< 0.0020
	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
	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
	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
	6/21/2024	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
	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
	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
	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
G46S down-gradient	11/23/2015	6.0	110	80	0.27	7.32	430	780	< 0.003	0.0033	0.064	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.073	< 0.0002	0.5	1.468	< 0.0025	< 0.002
	5/9/2016	7.7	100	100	0.28	7.77	360	940	< 0.003	0.0018	0.099	< 0.001	< 0.0005	< 0.005	< 0.001	0.0005	0.11	< 0.0002	0.7	1.85	< 0.0025	< 0.002
	6/30/2016	7.9	100	99	0.29	8.26	290	880	< 0.003	0.0014	0.098	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.13	< 0.0002	0.71	1.94	< 0.0025	< 0.002
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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
G47S down-gradient	11/23/2015	4.6	11	160	0.45	9.22	480	700	< 0.003	0.018	0.018	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.036	< 0.0002	0.32	0.898	0.003	< 0.002
	5/6/2016	5.0	7.8	140	0.72	9.86	410	910	< 0.003	0.034	0.017	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.033	< 0.0002	0.41	0.736	0.0033	< 0.002
	7/1/2016	6.4	8.4	150	0.68	9.32	340	860	< 0.003	0.022	0.019	< 0.001	^ < 0.0005	< 0.005	< 0.001	< 0.0005	0.038	< 0.0002	0.53	1.01	< 0.0025	< 0.002
	8/24/2016	9.3	9.2	140	0.67	9.19	300	830	< 0.003	0.017	0.023	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.41	1.06	< 0.0025	< 0.002
	11/16/2016	15	1.3	F1 150	1.8	10.08	620	1700	< 0.003	0.14	0.0091	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	1.4	< 1.38	0.0038	< 0.002
	2/15/2017	7.6	4.4	160	1.1	9.26	540	1200	< 0.003	0.059	0.016	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.05	< 0.0002	0.57	0.716	0.0035	< 0.002
	5/23/2017	18	0.93	160	2.2	10.03	720	1800	< 0.003	0.18	0.0081	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	1.3	< 0.361	0.0025	< 0.002
	7/10/2017	18	1.2	150	2.1	10.06	780	1800	< 0.003	0.17	0.0085	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	1.2	0.733	< 0.0025	< 0.002
	9/27/2017	18	1.1	150	2.0	10.15	750	1900	< 0.003	0.21	0.0085	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	1.3	0.836	0.0027	< 0.002
	11/22/2017	21	1.1	150	2.1	10.56	710	1800	< 0.003	0.23	0.009	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	1.5	0.692	0.0044	< 0.002
	3/8/2018	18	1.1	170	2.1	10.67	780	1900	< 0.003	0.25	0.009	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	1.4	0.790	0.0042	< 0.002
	5/18/2018	3.7	1.1	160	1.7	7.79	570	1800	NA	0.23	0.0087	NA	NA	NA	< 0.001	< 0.0005	0.015	NA	1.5	1.01	0.0039	NA
	12/11/2018	13	2.8	140	1.1	10.14	440	1300	NA	0.140	0.0110	NA	NA	NA	< 0.001	< 0.0005	0.023	NA	1.10	0.597	0.0031	NA
	6/28/2019	13	2.9	130	1.3	9.95	450	1400	NA	0.13	0.0120	NA	NA	NA	< 0.001	< 0.0005	0.028	NA	1.00	0.566	< 0.0025	NA
	11/7/2019	4.3	15	140	0.55	8.39	410	1100	NA	0.029	0.0170	NA	NA	NA	< 0.001	< 0.0050	0.053	NA	0.38	1.02	< 0.0100	NA
	6/30/2020	5.2	16	120	0.59	9.04	F1 440	1000	NA	0.037	0.015	NA	NA	NA	< 0.001	< 0.0050	0.052	NA	0.46	1.240	0.004	NA
	12/7/2020	7.6	11	120	1.1	9.13	500	1100	NA	0.066	0.012	NA	NA	NA	< 0.001	< 0.0005	0.047	NA	0.62	< 0.466	< 0.003	NA
	6/24/2021	B 6.1	12	110	0.66	8.68	470	1000	< 0.003	0.04	0.013	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.05	H < 0.0002	0.48	0.871	0.0027	< 0.002
	9/22/2021	6.5	11	100	0.62	8.83	440	910	< 0.003	0.041	0.014	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.053	< 0.0002	0.52	0.764	0.0030	< 0.002
	12/16/2021	6.7	11	98	0.65	8.63	440	900	< 0.003	0.039	0.014	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.046	< 0.0002	0.54	1.16	0.0031	< 0.002
	3/16/2022	6.9	40	96	0.66	8.94	450	1200	< 0.003	0.0074	0.021	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.48	2.12	< 0.0025	< 0.002
	6/9/2022	7.3	9.2	96	0.63	8.39	460	1000	< 0.003	0.038	0.013	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.043	< 0.0002	0.53	0.76	0.0028	< 0.002
	9/22/2022	10	5.8	100	0.9	9.85	510	1100	< 0.003	0.064	0.011	^1+ ^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.71	0.903	< 0.0025	< 0.002
	12/21/2022	7	7.9	100	F1 1.1	9.5	450	1100	< 0.003	0.036	0.014	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.044	< 0.0002	0.59	0.864	0.0028	< 0.002
	3/23/2023	6.7	11	100	0.65	9.22	440	1100	< 0.003	0.039	0.013	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.049	< 0.0002	0.52	0.984	0.0025	< 0.002
	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
	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
	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
	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
	6/20/2024	4.7	14	96	0.55	9.34	440	1100	< 0.0030	0.024	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.38	< 0.492	< 0.0025	< 0.0020
	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
	11/22/2024	5.6	12	83	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
	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
G48S down-gradient	11/20/2015	11.0	6.9	120	1.5	9.08	760	1100	< 0.003	0.03	0.015	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	1.4	0.8512	< 0.0025	< 0.002
	5/5/2016	9.3	5.9	120	1.5	9.53	560	1200	< 0.003	0.046	0.014	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	1.2	0.800	< 0.0025	< 0.002
	7/1/2016	9.5	4.2	120	1.4	9.60	480	1100	< 0.003	0.038	0.011	< 0.001	^ < 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	1.2	1.01	< 0.0025	< 0.002
	8/24/2016	10.0	5.5	120	1.4	9.31	420	1100	< 0.003	0.032	0.014	< 0.001	< 0.0005	< 0.005</								

Table 2. Groundwater Turbidity - Midwest Generation, LLC, Joliet #9 Generating Station

Well ID	Date	Turbidity (NTU)
G4SS	3/12/2021	0.87
	4/5/2021	0.33
	4/23/2021	0.54
	5/18/2021	0.36
	6/8/2021	0.64
	7/2/2021	1.4
	8/12/2021	0.36
	9/2/2021	0.46
	12/16/2021	0.89
	3/16/2022	0.98
	6/10/2022	0.03
	9/26/2022	0.29
	12/21/2022	2.04
	3/23/2023	1.13
	6/30/2023	0.42
	9/14/2023	0.97
	12/20/2023	1.74
	3/12/2024	0.58
	6/21/2024	0.79
	8/29/2024	3.09
	11/25/2024	1.75
	3/26/2025	0.61
T03S	3/15/2021	2.42
	4/1/2021	0.44
	4/22/2021	94
	5/17/2021	0.47
	6/7/2021	0.47
	7/1/2021	0.3
	8/12/2021	0.34
	9/1/2021	0.67
	12/9/2021	0.56
	3/14/2022	0.65
	6/13/2022	-0.1
	9/29/2022	0.53
	12/21/2022	2.03
	3/20/2023	1.19
	6/30/2023	0.39
	9/13/2023	0.22
	12/12/2023	1.23
	3/12/2024	3.37
	6/24/2024	1.05
	9/4/2024	1.57
	11/27/2024	0.99
	3/24/2025	0.64
R08S	3/12/2021	0.19
	4/1/2021	0.46
	4/23/2021	0.34
	5/18/2021	0.24
	6/8/2021	0.2
	7/1/2021	0.17
	8/12/2021	0.58
	9/2/2021	0.42
	12/14/2021	0.57
	3/11/2022	0.52
	6/7/2022	0.23
	9/19/2022	0.36
	12/19/2022	1.01
	3/22/2023	1.41
	6/28/2023	0.34
	9/7/2023	0.15
	12/20/2023	3.33
	2/29/2024	0.64
	6/19/2024	0.40
	8/27/2024	0.74
	11/20/2024	0.41
	3/24/2025	0.52
G20S	3/12/2021	0.32
	4/1/2021	0.29
	4/22/2021	0.14
	5/18/2021	0.63
	6/8/2021	0.2
	7/1/2021	0.29
	8/12/2021	0.32
	9/2/2021	0.48
	12/10/2021	1.28
	3/15/2022	0.46
	6/7/2022	0.5
	9/19/2022	2.47
	12/19/2022	2.61
	3/14/2023	0.39
	6/28/2023	0.25
	9/6/2023	1.17
	12/11/2023	1.40
	2/29/2024	4.18
	6/18/2024	0.80
	8/23/2024	0.39
	11/20/2024	0.77
	3/21/2025	2.39
G30S	3/12/2021	0.05
	4/2/2021	0.14
	4/23/2021	0.25
	5/18/2021	0.43
	6/8/2021	0.61
	7/2/2021	0.48
	8/13/2021	0.31
	9/2/2021	0.48
	12/15/2021	0.09
	3/15/2022	0.45
	6/10/2022	0.16
	9/28/2022	0.61
	12/19/2022	1.04
	3/17/2023	2.43
	6/29/2023	0.74
	9/12/2023	0.71
	12/19/2023	3.05
	3/7/2024	4.14
	6/19/2024	0.26
	8/26/2024	0.57
	11/25/2024	0.88
	3/21/2025	0.72

Table 2. Groundwater Turbidity - Midwest Generation, LLC, Joliet #9 Generating Station

Well ID	Date	Turbidity (NTU)
R32S	3/12/2021	0.42
	4/5/2021	0.81
	4/23/2021	1.23
	5/18/2021	1.78
	6/8/2021	1.14
	7/2/2021	0.42
	8/13/2021	0.57
	9/30/2021	0.39
	12/15/2021	0.84
	3/16/2022	1.31
	6/10/2022	-0.1
	9/26/2022	0.66
	12/16/2022	1.53
	3/23/2023	1.59
	6/29/2023	0.74
	9/12/2023	0.52
	12/19/2023	2.10
	3/7/2024	0.83
	6/21/2024	1.03
	8/29/2024	2.52
	11/26/2024	2.00
	3/24/2025	1.20
G44S	3/15/2021	3.66
	4/5/2021	3.89
	4/23/2021	3.31
	5/18/2021	1.41
	6/8/2021	1.42
	7/2/2021	1.37
	8/12/2021	1.56
	9/2/2021	1.38
	12/16/2021	1.29
	3/15/2022	1.09
	6/9/2022	0.78
	9/26/2022	0.86
	12/21/2022	11.7
	3/15/2023	1.13
	6/29/2023	3.04
	9/13/2023	0.93
	12/19/2023	12.60
	3/6/2024	6.71
	6/21/2024	3.52
	8/29/2024	3.59
	11/26/2024	57.60
	3/26/2025	2.07
G46S	3/15/2021	18.4
	4/5/2021	106.5
	4/23/2021	59.2
	5/18/2021	181
	6/8/2021	3140
	7/1/2021	11.6
	8/12/2021	112
	9/2/2021	43.3
	12/15/2021	73.1
	3/11/2022	99.3
	6/9/2022	6.63
	9/26/2022	34.4
	12/20/2022	77.9
	3/22/2023	88.61
	6/29/2023	32.30
	9/13/2023	113
	12/20/2023	58.70
	3/7/2024	71.10
	6/20/2024	8.46
	8/27/2024	56.30
	11/25/2024	59.40
	3/24/2025	41.90
G47S	3/15/2021	0.12
	4/5/2021	0.1
	4/22/2021	0.16
	5/18/2021	0.14
	6/8/2021	0.53
	7/1/2021	0.3
	8/13/2021	0.18
	9/2/2021	0.68
	12/16/2021	0.59
	3/16/2022	0.26
	6/9/2022	-0.11
	9/26/2022	0.35
	12/21/2022	0.76
	3/23/2023	1.12
	6/30/2023	0.76
	9/7/2023	0.18
	12/18/2023	1.15
	3/4/2024	0.74
	6/20/2024	0.48
	8/28/2024	0.82
	11/22/2024	0.77
	3/26/2025	0.38
G48S	3/15/2021	0.47
	4/5/2021	0.14
	4/22/2021	0.22
	5/18/2021	0.44
	6/8/2021	0.24
	7/1/2021	0.91
	8/13/2021	0.23
	9/2/2021	0.63
	12/16/2021	0.62
	3/16/2022	0.31
	6/9/2022	0.22
	9/26/2022	0.96
	12/21/2022	3.73
	3/23/2023	3.13
	6/30/2023	1.87
	9/7/2023	1.56
	12/18/2023	2.61
	3/12/2024	1.08
	6/20/2024	0.61
	8/28/2024	1.63
	11/22/2024	0.88
	3/26/2025	0.83

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Joliet #9 (Quarry) CCR

JOB NUMBER

500-265351-1

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

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

Job ID: 500-265351-1

Job ID: 500-265351-1

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Job Narrative 500-265351-1

Receipt

The samples were received on 3/17/2025 4:00 PM, 3/18/2025 4:00 PM, 3/19/2025 3:25 PM, 3/20/2025 2:45 PM, 3/21/2025 3:56 PM, 3/24/2025 3:23 PM and 3/26/2025 3:45 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 -0.6°C, 0.1°C, 0.6°C, 0.8°C, 1.5°C, 1.6°C, 1.9°C and 3.5°C.

Metals

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 500-811401 recovered above the upper control limit for Cobalt. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: T11S (500-265351-7), G31S (500-265351-8), G33S (500-265351-9), T13S (500-265351-10), T12S (500-265351-11), G30S (500-265351-12), G20S (500-265351-13), (LCS 500-811206/2-A) and (MB 500-811206/1-A).

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

General Chemistry

Method 2540C: The matrix spike (MS) recoveries for analytical batch 500-811074 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 4500_F_C: The results reported for the following sample do not concur with results previously reported for this site: T05S (500-265351-5). Reanalysis was performed, and the result(s) confirmed.

Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-811511 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_Cl_E: The matrix spike duplicate (MSD) recoveries for analytical batch 500-812712 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-811554 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_SO4_E: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-811554 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of sulfate in the 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.

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Method Summary

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

Job ID: 500-265351-1

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 (Quarry) CCR

Job ID: 500-265351-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-265351-1	T09S	Water	03/17/25 12:28	03/17/25 16:00
500-265351-2	T06S	Water	03/17/25 14:18	03/17/25 16:00
500-265351-3	T02S	Water	03/18/25 10:44	03/18/25 16:00
500-265351-4	T08S	Water	03/18/25 12:29	03/18/25 16:00
500-265351-5	T05S	Water	03/18/25 14:21	03/18/25 16:00
500-265351-6	T01S	Water	03/19/25 11:02	03/19/25 15:25
500-265351-7	T11S	Water	03/19/25 13:47	03/19/25 15:25
500-265351-8	G31S	Water	03/20/25 10:39	03/20/25 14:45
500-265351-9	G33S	Water	03/20/25 11:33	03/20/25 14:45
500-265351-10	T13S	Water	03/20/25 12:37	03/20/25 14:45
500-265351-11	T12S	Water	03/20/25 13:33	03/20/25 14:45
500-265351-12	G30S	Water	03/21/25 10:38	03/21/25 15:56
500-265351-13	G20S	Water	03/21/25 13:20	03/21/25 15:56
500-265351-14	R08S	Water	03/24/25 10:57	03/24/25 15:23
500-265351-15	G46S	Water	03/24/25 11:55	03/24/25 15:23
500-265351-16	T03S	Water	03/24/25 13:15	03/24/25 15:23
500-265351-17	R32S	Water	03/24/25 14:11	03/24/25 15:23
500-265351-18	G44S	Water	03/26/25 09:34	03/26/25 15:45
500-265351-19	G39S	Water	03/26/25 10:34	03/26/25 15:45
500-265351-20	G39S DUP	Water	03/26/25 10:34	03/26/25 15:45
500-265351-21	G45S	Water	03/26/25 11:38	03/26/25 15:45
500-265351-22	G48S	Water	03/26/25 13:25	03/26/25 15:45
500-265351-23	G47S	Water	03/26/25 14:43	03/26/25 15:45

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T09S

Lab Sample ID: 500-265351-1

Date Collected: 03/17/25 12:28

Matrix: Water

Date Received: 03/17/25 16:00

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		03/18/25 08:06	03/20/25 19:46	1
Arsenic	0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Barium	0.049		0.0025		mg/L		03/18/25 08:06	03/20/25 19:46	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Boron	3.2		0.050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Calcium	130		0.20		mg/L		03/18/25 08:06	03/20/25 19:46	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Lithium	0.066		0.010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Molybdenum	0.38		0.0050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:46	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	820		10		mg/L			03/19/25 22:08	1
Chloride (SM 4500 Cl- E)	49		4.0		mg/L			03/20/25 18:38	2
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			03/19/25 14:35	1
Sulfate (SM 4500 SO4 E)	270		50		mg/L			03/23/25 16:04	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	110.22				ft			03/17/25 12:28	1
Depth to Water (ft from MP)	112.62				ft			03/17/25 12:28	1
Elevation of well (ft from MP)	603.49				ft			03/17/25 12:28	1
Field pH	7.66				SU			03/17/25 12:28	1
Field Temperature	51.1				Degrees F			03/17/25 12:28	1
Ground Water Elevation	490.87				ft			03/17/25 12:28	1
Specific Conductance	994				umhos/cm			03/17/25 12:28	1
Well bottom elevation	444.80				ft			03/17/25 12:28	1
Field Turbidity	43.0				NTU			03/17/25 12:28	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T06S

Lab Sample ID: 500-265351-2

Date Collected: 03/17/25 14:18

Matrix: Water

Date Received: 03/17/25 16:00

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		03/18/25 08:06	03/20/25 19:48	1
Arsenic	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Barium	0.036		0.0025		mg/L		03/18/25 08:06	03/20/25 19:48	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Boron	0.86		0.050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Calcium	98		0.20		mg/L		03/18/25 08:06	03/20/25 19:48	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Lithium	0.024		0.010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Molybdenum	0.016		0.0050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:48	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	510		10		mg/L			03/19/25 22:11	1
Chloride (SM 4500 Cl- E)	15		2.0		mg/L			03/20/25 18:21	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			03/19/25 14:58	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			03/23/25 16:06	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.41				ft			03/17/25 14:18	1
Depth to Water (ft from MP)	118.71				ft			03/17/25 14:18	1
Elevation of well (ft from MP)	621.05				ft			03/17/25 14:18	1
Field pH	7.43				SU			03/17/25 14:18	1
Field Temperature	59.7				Degrees F			03/17/25 14:18	1
Ground Water Elevation	502.34				ft			03/17/25 14:18	1
Specific Conductance	711				umhos/cm			03/17/25 14:18	1
Well bottom elevation	447.94				ft			03/17/25 14:18	1
Field Turbidity	3.22				NTU			03/17/25 14:18	1

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Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T02S

Lab Sample ID: 500-265351-3

Date Collected: 03/18/25 10:44

Matrix: Water

Date Received: 03/18/25 16:00

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		03/19/25 08:08	03/20/25 18:18	1
Arsenic	0.0071		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Barium	0.16		0.0025		mg/L		03/19/25 08:08	03/20/25 18:18	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Boron	4.0		0.050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Calcium	99		0.20		mg/L		03/19/25 08:08	03/20/25 18:18	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Cobalt	0.0046		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Lead	0.0089		0.00050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Lithium	0.039		0.010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Molybdenum	0.38		0.0050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Selenium	0.0026		0.0025		mg/L		03/19/25 08:08	03/20/25 18:18	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 18:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			03/19/25 22:13	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			03/25/25 15:44	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			03/19/25 15:02	1
Sulfate (SM 4500 SO4 E)	360		100		mg/L			03/23/25 16:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.11				ft			03/18/25 10:44	1
Depth to Water (ft from MP)	137.44				ft			03/18/25 10:44	1
Elevation of well (ft from MP)	626.14				ft			03/18/25 10:44	1
Field pH	8.00				SU			03/18/25 10:44	1
Field Temperature	55.0				Degrees F			03/18/25 10:44	1
Ground Water Elevation	488.70				ft			03/18/25 10:44	1
Specific Conductance	1279				umhos/cm			03/18/25 10:44	1
Well bottom elevation	453.40				ft			03/18/25 10:44	1
Field Turbidity	105.0				NTU			03/18/25 10:44	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T08S

Lab Sample ID: 500-265351-4

Date Collected: 03/18/25 12:29

Matrix: Water

Date Received: 03/18/25 16:00

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		03/19/25 08:08	03/20/25 18:21	1
Arsenic	0.0076		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Barium	0.040		0.0025		mg/L		03/19/25 08:08	03/20/25 18:21	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Boron	7.6		0.050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Calcium	22		0.20		mg/L		03/19/25 08:08	03/20/25 18:21	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Lithium	0.057		0.010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Molybdenum	0.72		0.0050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Selenium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 18:21	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 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		04/02/25 09:50	04/03/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/19/25 22:16	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			03/20/25 18:38	2
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			03/19/25 15:06	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			03/23/25 15:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	130.07				ft			03/18/25 12:29	1
Depth to Water (ft from MP)	132.45				ft			03/18/25 12:29	1
Elevation of well (ft from MP)	627.43				ft			03/18/25 12:29	1
Field pH	8.56				SU			03/18/25 12:29	1
Field Temperature	66.9				Degrees F			03/18/25 12:29	1
Ground Water Elevation	494.98				ft			03/18/25 12:29	1
Specific Conductance	1138				umhos/cm			03/18/25 12:29	1
Well bottom elevation	447.38				ft			03/18/25 12:29	1
Field Turbidity	11.70				NTU			03/18/25 12:29	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T05S

Lab Sample ID: 500-265351-5

Date Collected: 03/18/25 14:21

Matrix: Water

Date Received: 03/18/25 16:00

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		03/19/25 08:08	03/20/25 18:25	1
Arsenic	0.13		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Barium	0.010		0.0025		mg/L		03/19/25 08:08	03/20/25 18:25	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Boron	12		0.050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Calcium	14		0.20		mg/L		03/19/25 08:08	03/20/25 18:25	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Lithium	0.022		0.010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Molybdenum	1.1		0.0050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Selenium	0.0046		0.0025		mg/L		03/19/25 08:08	03/20/25 18:25	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			03/19/25 22:52	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/25/25 15:44	5
Fluoride (SM 4500 F C)	1.8		0.10		mg/L			03/26/25 09:27	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			03/23/25 16:40	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.33				ft			03/18/25 14:21	1
Depth to Water (ft from MP)	125.73				ft			03/18/25 14:21	1
Elevation of well (ft from MP)	623.41				ft			03/18/25 14:21	1
Field pH	8.55				SU			03/18/25 14:21	1
Field Temperature	70.9				Degrees F			03/18/25 14:21	1
Ground Water Elevation	497.68				ft			03/18/25 14:21	1
Specific Conductance	2220				umhos/cm			03/18/25 14:21	1
Well bottom elevation	448.35				ft			03/18/25 14:21	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T01S

Lab Sample ID: 500-265351-6

Date Collected: 03/19/25 11:02

Matrix: Water

Date Received: 03/19/25 15:25

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		03/25/25 14:39	03/27/25 11:39	1
Arsenic	0.0047		0.0010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Barium	0.037		0.0025		mg/L		03/25/25 14:39	03/26/25 16:12	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Boron	3.9		0.050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Calcium	47		0.20		mg/L		03/25/25 14:39	03/27/25 11:39	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Cobalt	0.0014		0.0010		mg/L		03/25/25 14:39	03/27/25 11:39	1
Lead	0.00086		0.00050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Lithium	0.012		0.010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Molybdenum	0.26		0.0050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:39	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			03/19/25 22:59	1
Chloride (SM 4500 Cl- E)	99	F1	10		mg/L			04/07/25 10:35	5
Fluoride (SM 4500 F C)	1.1		0.10		mg/L			03/26/25 09:33	1
Sulfate (SM 4500 SO4 E)	430		50		mg/L			03/23/25 15:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	122.17				ft			03/19/25 11:02	1
Depth to Water (ft from MP)	124.65				ft			03/19/25 11:02	1
Elevation of well (ft from MP)	621.83				ft			03/19/25 11:02	1
Field pH	7.85				SU			03/19/25 11:02	1
Field Temperature	58.3				Degrees F			03/19/25 11:02	1
Ground Water Elevation	497.18				ft			03/19/25 11:02	1
Specific Conductance	1354				umhos/cm			03/19/25 11:02	1
Well bottom elevation	451.46				ft			03/19/25 11:02	1
Field Turbidity	235.00				NTU			03/19/25 11:02	1

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Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T11S

Lab Sample ID: 500-265351-7

Date Collected: 03/19/25 13:47

Matrix: Water

Date Received: 03/19/25 15:25

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		03/25/25 14:39	03/27/25 11:41	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Barium	0.039		0.0025		mg/L		03/25/25 14:39	03/26/25 16:15	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Boron	0.19		0.050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Calcium	110		0.20		mg/L		03/25/25 14:39	03/27/25 11:41	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Lithium	0.020		0.010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:41	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	580		10		mg/L			03/19/25 23:05	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/20/25 18:41	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			03/26/25 09:48	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			03/23/25 15:59	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.35				ft			03/19/25 13:47	1
Depth to Water (ft from MP)	75.09				ft			03/19/25 13:47	1
Elevation of well (ft from MP)	559.40				ft			03/19/25 13:47	1
Field pH	7.60				SU			03/19/25 13:47	1
Field Temperature	51.6				Degrees F			03/19/25 13:47	1
Ground Water Elevation	484.31				ft			03/19/25 13:47	1
Specific Conductance	948				umhos/cm			03/19/25 13:47	1
Well bottom elevation	445.60				ft			03/19/25 13:47	1
Field Turbidity	50.10				NTU			03/19/25 13:47	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G31S

Lab Sample ID: 500-265351-8

Date Collected: 03/20/25 10:39

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:44	1
Arsenic	0.0023		0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Barium	0.039		0.0025		mg/L		03/25/25 14:39	03/26/25 16:17	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Boron	3.0		0.050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Calcium	150		0.20		mg/L		03/25/25 14:39	03/27/25 11:44	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Lithium	0.077		0.010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Molybdenum	0.44		0.0050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:44	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/21/25 01:50	1
Chloride (SM 4500 Cl- E)	160		10		mg/L			03/23/25 13:40	5
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			03/26/25 09:52	1
Sulfate (SM 4500 SO4 E)	360		50		mg/L			03/23/25 16:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	25.76				ft			03/20/25 10:39	1
Depth to Water (ft from MP)	28.34				ft			03/20/25 10:39	1
Elevation of well (ft from MP)	535.67				ft			03/20/25 10:39	1
Field pH	7.33				SU			03/20/25 10:39	1
Field Temperature	54.3				Degrees F			03/20/25 10:39	1
Ground Water Elevation	507.33				ft			03/20/25 10:39	1
Specific Conductance	1500				umhos/cm			03/20/25 10:39	1
Well bottom elevation	453.36				ft			03/20/25 10:39	1
Field Turbidity	1.50				NTU			03/20/25 10:39	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G33S

Lab Sample ID: 500-265351-9

Date Collected: 03/20/25 11:33

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:46	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Barium	0.050		0.0025		mg/L		03/25/25 14:39	03/26/25 16:20	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Boron	0.89		0.050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Calcium	69		0.20		mg/L		03/25/25 14:39	03/27/25 11:46	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Lead	0.0014		0.00050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Lithium	0.033		0.010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:46	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			03/21/25 01:53	1
Chloride (SM 4500 Cl- E)	11		2.0		mg/L			03/23/25 13:16	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			03/26/25 09:57	1
Sulfate (SM 4500 SO4 E)	76		10		mg/L			03/23/25 16:28	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	34.09				ft			03/20/25 11:33	1
Depth to Water (ft from MP)	35.82				ft			03/20/25 11:33	1
Elevation of well (ft from MP)	535.67				ft			03/20/25 11:33	1
Field pH	7.82				SU			03/20/25 11:33	1
Field Temperature	56.1				Degrees F			03/20/25 11:33	1
Ground Water Elevation	499.85				ft			03/20/25 11:33	1
Specific Conductance	646				umhos/cm			03/20/25 11:33	1
Well bottom elevation	452.72				ft			03/20/25 11:33	1
Field Turbidity	33.60				NTU			03/20/25 11:33	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T13S

Lab Sample ID: 500-265351-10

Date Collected: 03/20/25 12:37

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:49	1
Arsenic	0.0021		0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Barium	0.052		0.0025		mg/L		03/25/25 14:39	03/26/25 16:22	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Boron	0.64		0.050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Calcium	120		0.20		mg/L		03/25/25 14:39	03/27/25 11:49	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Lithium	0.025		0.010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Molybdenum	0.036		0.0050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:49	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	600		10		mg/L			03/21/25 01:55	1
Chloride (SM 4500 Cl- E)	44		2.0		mg/L			03/23/25 13:16	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			03/26/25 10:01	1
Sulfate (SM 4500 SO4 E)	180		50		mg/L			03/23/25 16:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	17.15				ft			03/20/25 12:37	1
Depth to Water (ft from MP)	19.91				ft			03/20/25 12:37	1
Elevation of well (ft from MP)	525.33				ft			03/20/25 12:37	1
Field pH	7.55				SU			03/20/25 12:37	1
Field Temperature	55.6				Degrees F			03/20/25 12:37	1
Ground Water Elevation	505.42				ft			03/20/25 12:37	1
Specific Conductance	954				umhos/cm			03/20/25 12:37	1
Well bottom elevation	452.21				ft			03/20/25 12:37	1
Field Turbidity	5.06				NTU			03/20/25 12:37	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T12S

Lab Sample ID: 500-265351-11

Date Collected: 03/20/25 13:33

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:51	1
Arsenic	0.031		0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Barium	0.072		0.0025		mg/L		03/25/25 14:39	03/26/25 16:24	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Boron	3.4		0.050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Calcium	120		0.20		mg/L		03/25/25 14:39	03/27/25 11:51	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Lithium	0.098		0.010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Molybdenum	0.20		0.0050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:51	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			03/21/25 01:58	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			03/23/25 13:40	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			03/26/25 10:16	1
Sulfate (SM 4500 SO4 E)	190		50		mg/L			03/23/25 16:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	71.00				ft			03/20/25 13:33	1
Depth to Water (ft from MP)	73.74				ft			03/20/25 13:33	1
Elevation of well (ft from MP)	578.73				ft			03/20/25 13:33	1
Field pH	7.41				SU			03/20/25 13:33	1
Field Temperature	54.0				Degrees F			03/20/25 13:33	1
Ground Water Elevation	504.99				ft			03/20/25 13:33	1
Specific Conductance	921				umhos/cm			03/20/25 13:33	1
Well bottom elevation	452.24				ft			03/20/25 13:33	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G30S

Lab Sample ID: 500-265351-12

Date Collected: 03/21/25 10:38

Matrix: Water

Date Received: 03/21/25 15:56

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		03/25/25 14:39	03/27/25 11:58	1
Arsenic	0.0020		0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Barium	0.050		0.0025		mg/L		03/25/25 14:39	03/26/25 16:27	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Boron	5.1		0.050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Calcium	70		0.20		mg/L		03/25/25 14:39	03/27/25 11:58	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Lithium	0.024		0.010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:58	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			03/24/25 00:50	1
Chloride (SM 4500 Cl- E)	200		10		mg/L			03/23/25 13:41	5
Fluoride (SM 4500 F C)	0.87		0.10		mg/L			03/26/25 10:20	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			03/23/25 16:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.62				ft			03/21/25 10:38	1
Depth to Water (ft from MP)	1.69				ft			03/21/25 10:38	1
Elevation of well (ft from MP)	524.78				ft			03/21/25 10:38	1
Field pH	7.35				SU			03/21/25 10:38	1
Field Temperature	48.0				Degrees F			03/21/25 10:38	1
Ground Water Elevation	523.09				ft			03/21/25 10:38	1
Specific Conductance	1930				umhos/cm			03/21/25 10:38	1
Well bottom elevation	462.58				ft			03/21/25 10:38	1
Field Turbidity	0.72				NTU			03/21/25 10:38	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G20S

Lab Sample ID: 500-265351-13

Date Collected: 03/21/25 13:20

Matrix: Water

Date Received: 03/21/25 15:56

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		03/25/25 14:39	03/27/25 12:10	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Barium	0.047		0.0025		mg/L		03/25/25 14:39	03/26/25 16:34	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Boron	1.2		0.050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Calcium	60		0.20		mg/L		03/25/25 14:39	03/27/25 12:10	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Lithium	0.040		0.010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Molybdenum	0.018		0.0050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 12:10	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	390		10		mg/L			03/24/25 00:58	1
Chloride (SM 4500 Cl- E)	16		2.0		mg/L			03/23/25 13:17	1
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			03/26/25 10:24	1
Sulfate (SM 4500 SO4 E)	65		10		mg/L			03/23/25 16:29	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	66.15				ft			03/21/25 13:20	1
Depth to Water (ft from MP)	68.93				ft			03/21/25 13:20	1
Elevation of well (ft from MP)	580.79				ft			03/21/25 13:20	1
Field pH	7.48				SU			03/21/25 13:20	1
Field Temperature	57.4				Degrees F			03/21/25 13:20	1
Ground Water Elevation	511.86				ft			03/21/25 13:20	1
Specific Conductance	694				umhos/cm			03/21/25 13:20	1
Well bottom elevation	442.28				ft			03/21/25 13:20	1
Field Turbidity	2.39				NTU			03/21/25 13:20	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: R08S

Lab Sample ID: 500-265351-14

Date Collected: 03/24/25 10:57

Matrix: Water

Date Received: 03/24/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 17:20	1
Arsenic	0.0014		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Barium	0.053		0.0025		mg/L		03/25/25 14:56	03/26/25 17:20	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Boron	6.1		0.050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Calcium	140		0.20		mg/L		03/25/25 14:56	03/26/25 17:20	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Lithium	0.11		0.010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Molybdenum	0.24		0.0050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Selenium	0.0084		0.0025		mg/L		03/25/25 14:56	03/27/25 12:16	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760	F1	10		mg/L			03/24/25 23:15	1
Chloride (SM 4500 Cl- E)	64		4.0		mg/L			03/25/25 15:45	2
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			03/26/25 10:29	1
Sulfate (SM 4500 SO4 E)	320		50		mg/L			03/27/25 13:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	67.90				ft			03/24/25 10:57	1
Depth to Water (ft from MP)	70.45				ft			03/24/25 10:57	1
Elevation of well (ft from MP)	578.64				ft			03/24/25 10:57	1
Field pH	7.79				SU			03/24/25 10:57	1
Field Temperature	53.1				Degrees F			03/24/25 10:57	1
Ground Water Elevation	508.19				ft			03/24/25 10:57	1
Specific Conductance	999				umhos/cm			03/24/25 10:57	1
Well bottom elevation	453.08				ft			03/24/25 10:57	1
Field Turbidity	0.52				NTU			03/24/25 10:57	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G46S

Lab Sample ID: 500-265351-15

Date Collected: 03/24/25 11:55

Matrix: Water

Date Received: 03/24/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 17:05	1
Arsenic	0.10		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Barium	0.048		0.0025		mg/L		03/25/25 14:56	03/26/25 17:05	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Boron	9.5		0.050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Calcium	120		0.20		mg/L		03/25/25 14:56	03/26/25 17:05	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Lithium	0.21		0.010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Molybdenum	1.0		0.0050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:06	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/24/25 23:23	1
Chloride (SM 4500 Cl- E)	61		4.0		mg/L			03/25/25 15:45	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			03/26/25 10:33	1
Sulfate (SM 4500 SO4 E)	490		50		mg/L			03/27/25 13:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	107.64				ft			03/24/25 11:55	1
Depth to Water (ft from MP)	110.34				ft			03/24/25 11:55	1
Elevation of well (ft from MP)	601.32				ft			03/24/25 11:55	1
Field pH	7.46				SU			03/24/25 11:55	1
Field Temperature	55.2				Degrees F			03/24/25 11:55	1
Ground Water Elevation	490.98				ft			03/24/25 11:55	1
Specific Conductance	1255				umhos/cm			03/24/25 11:55	1
Well bottom elevation	453.62				ft			03/24/25 11:55	1
Field Turbidity	41.90				NTU			03/24/25 11:55	1

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Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: T03S

Lab Sample ID: 500-265351-16

Date Collected: 03/24/25 13:15

Matrix: Water

Date Received: 03/24/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 17:32	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Barium	0.065		0.0025		mg/L		03/25/25 14:56	03/26/25 17:32	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Boron	0.52		0.050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Calcium	120		0.20		mg/L		03/25/25 14:56	03/26/25 17:32	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Lithium	0.020		0.010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Molybdenum	0.034		0.0050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:30	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	910		10		mg/L			03/24/25 23:26	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/25/25 15:45	5
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			03/26/25 10:38	1
Sulfate (SM 4500 SO4 E)	190		25		mg/L			03/27/25 13:10	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	137.71				ft			03/24/25 13:15	1
Depth to Water (ft from MP)	140.79				ft			03/24/25 13:15	1
Elevation of well (ft from MP)	629.73				ft			03/24/25 13:15	1
Field pH	7.36				SU			03/24/25 13:15	1
Field Temperature	52.3				Degrees F			03/24/25 13:15	1
Ground Water Elevation	488.94				ft			03/24/25 13:15	1
Specific Conductance	1163				umhos/cm			03/24/25 13:15	1
Well bottom elevation	456.70				ft			03/24/25 13:15	1
Field Turbidity	0.64				NTU			03/24/25 13:15	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: R32S

Lab Sample ID: 500-265351-17

Date Collected: 03/24/25 14:11

Matrix: Water

Date Received: 03/24/25 15:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 17:15	1
Arsenic	0.0019		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Barium	0.029		0.0025		mg/L		03/25/25 14:56	03/26/25 17:15	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Boron	3.2		0.050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Calcium	110		0.20		mg/L		03/25/25 14:56	03/26/25 17:15	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Lithium	0.081		0.010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Molybdenum	0.39		0.0050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:13	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			03/24/25 23:29	1
Chloride (SM 4500 Cl- E)	40		2.0		mg/L			03/25/25 15:31	1
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			03/26/25 10:42	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	20.17				ft			03/24/25 14:11	1
Depth to Water (ft from MP)	22.20				ft			03/24/25 14:11	1
Elevation of well (ft from MP)	514.84				ft			03/24/25 14:11	1
Field pH	7.53				SU			03/24/25 14:11	1
Field Temperature	52.5				Degrees F			03/24/25 14:11	1
Ground Water Elevation	514.84				ft			03/24/25 14:11	1
Specific Conductance	864				umhos/cm			03/24/25 14:11	1
Well bottom elevation	457.84				ft			03/24/25 14:11	1
Field Turbidity	1.20				NTU			03/24/25 14:11	1

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Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G44S

Lab Sample ID: 500-265351-18

Date Collected: 03/26/25 09:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:03	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Barium	0.068		0.0025		mg/L		03/27/25 16:42	03/28/25 18:03	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Boron	1.7		0.050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Calcium	130		0.20		mg/L		03/27/25 16:42	03/28/25 18:03	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Lithium	0.023		0.010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Molybdenum	0.20		0.0050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:03	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			03/28/25 10:27	1
Chloride (SM 4500 Cl- E)	57	F1	4.0		mg/L			03/27/25 10:25	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			04/02/25 15:03	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			03/27/25 13:10	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	80.93				ft			03/26/25 09:34	1
Depth to Water (ft from MP)	83.11				ft			03/26/25 09:34	1
Elevation of well (ft from MP)	586.62				ft			03/26/25 09:34	1
Field pH	7.13				SU			03/26/25 09:34	1
Field Temperature	52.0				Degrees F			03/26/25 09:34	1
Ground Water Elevation	503.51				ft			03/26/25 09:34	1
Specific Conductance	1043				umhos/cm			03/26/25 09:34	1
Well bottom elevation	455.11				ft			03/26/25 09:34	1
Field Turbidity	2.07				NTU			03/26/25 09:34	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G39S

Lab Sample ID: 500-265351-19

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:05	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Barium	0.050		0.0025		mg/L		03/27/25 16:42	03/28/25 18:05	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Boron	0.73		0.050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Calcium	110		0.20		mg/L		03/27/25 16:42	03/28/25 18:05	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Lead	0.0011		0.00050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Lithium	0.019		0.010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Molybdenum	0.016		0.0050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:05	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	650		10		mg/L			03/28/25 10:34	1
Chloride (SM 4500 Cl- E)	36		2.0		mg/L			03/27/25 09:59	1
Fluoride (SM 4500 F C)	0.20		0.10		mg/L			04/02/25 15:07	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/27/25 13:59	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.68				ft			03/26/25 10:34	1
Depth to Water (ft from MP)	97.76				ft			03/26/25 10:34	1
Elevation of well (ft from MP)	598.74				ft			03/26/25 10:34	1
Field pH	7.13				SU			03/26/25 10:34	1
Field Temperature	51.8				Degrees F			03/26/25 10:34	1
Ground Water Elevation	500.98				ft			03/26/25 10:34	1
Specific Conductance	829				umhos/cm			03/26/25 10:34	1
Well bottom elevation	454.15				ft			03/26/25 10:34	1
Field Turbidity	1.34				NTU			03/26/25 10:34	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:08	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Barium	0.045		0.0025		mg/L		03/27/25 16:42	03/28/25 18:08	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Boron	0.66		0.050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Calcium	110		0.20		mg/L		03/27/25 16:42	03/28/25 18:08	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Lead	0.0013		0.00050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Lithium	0.018		0.010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Molybdenum	0.014		0.0050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:08	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	650		10		mg/L			03/28/25 10:36	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			03/27/25 09:59	1
Fluoride (SM 4500 F C)	0.19		0.10		mg/L			04/02/25 15:20	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/27/25 13:09	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.68				ft			03/26/25 10:34	1
Depth to Water (ft from MP)	97.76				ft			03/26/25 10:34	1
Elevation of well (ft from MP)	598.74				ft			03/26/25 10:34	1
Field pH	7.13				SU			03/26/25 10:34	1
Field Temperature	51.8				Degrees F			03/26/25 10:34	1
Ground Water Elevation	500.98				ft			03/26/25 10:34	1
Specific Conductance	829				umhos/cm			03/26/25 10:34	1
Well bottom elevation	454.15				ft			03/26/25 10:34	1
Field Turbidity	1.34				NTU			03/26/25 10:34	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:10	1
Arsenic	0.0088		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Barium	0.038		0.0025		mg/L		03/27/25 16:42	03/28/25 18:10	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Boron	0.38		0.050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Calcium	92		0.20		mg/L		03/27/25 16:42	03/28/25 18:10	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Lithium	0.026		0.010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Molybdenum	0.012		0.0050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:10	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			03/28/25 10:39	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			03/27/25 10:25	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			04/02/25 15:25	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			03/27/25 13:09	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	61.21				ft			03/26/25 11:38	1
Depth to Water (ft from MP)	64.18				ft			03/26/25 11:38	1
Elevation of well (ft from MP)	603.81				ft			03/26/25 11:38	1
Field pH	7.41				SU			03/26/25 11:38	1
Field Temperature	56.8				Degrees F			03/26/25 11:38	1
Ground Water Elevation	539.63				ft			03/26/25 11:38	1
Specific Conductance	921				umhos/cm			03/26/25 11:38	1
Well bottom elevation	471.05				ft			03/26/25 11:38	1
Field Turbidity	0.61				NTU			03/26/25 11:38	1

Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:12	1
Arsenic	0.0072		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Barium	0.022		0.0025		mg/L		03/27/25 16:42	03/28/25 18:12	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Boron	5.2		0.050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Calcium	39		0.20		mg/L		03/27/25 16:42	03/28/25 18:12	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Lithium	0.022		0.010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Molybdenum	0.41		0.0050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:12	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	950		10		mg/L			03/28/25 10:41	1
Chloride (SM 4500 Cl- E)	96		10		mg/L			03/27/25 10:24	5
Fluoride (SM 4500 F C)	0.96		0.10		mg/L			04/02/25 15:29	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	101.00				ft			03/26/25 13:25	1
Depth to Water (ft from MP)	103.45				ft			03/26/25 13:25	1
Elevation of well (ft from MP)	620.73				ft			03/26/25 13:25	1
Field pH	7.74				SU			03/26/25 13:25	1
Field Temperature	56.1				Degrees F			03/26/25 13:25	1
Ground Water Elevation	517.28				ft			03/26/25 13:25	1
Specific Conductance	1510				umhos/cm			03/26/25 13:25	1
Well bottom elevation	468.32				ft			03/26/25 13:25	1
Field Turbidity	0.83				NTU			03/26/25 13:25	1

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Client Sample Results

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

Job ID: 500-265351-1

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:25	1
Arsenic	0.028		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Barium	0.013		0.0025		mg/L		03/27/25 16:42	03/28/25 18:25	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Boron	6.0		0.050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Calcium	11		0.20		mg/L		03/27/25 16:42	03/28/25 18:25	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Lithium	0.052		0.010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Molybdenum	0.48		0.0050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Selenium	0.0027		0.0025		mg/L		03/27/25 16:42	03/28/25 18:25	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			03/28/25 10:43	1
Chloride (SM 4500 Cl- E)	83		4.0		mg/L			03/27/25 10:24	2
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			04/02/25 15:32	1
Sulfate (SM 4500 SO4 E)	440		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.36				ft			03/26/25 14:43	1
Depth to Water (ft from MP)	94.86				ft			03/26/25 14:43	1
Elevation of well (ft from MP)	612.16				ft			03/26/25 14:43	1
Field pH	7.89				SU			03/26/25 14:43	1
Field Temperature	54.7				Degrees F			03/26/25 14:43	1
Ground Water Elevation	517.30				ft			03/26/25 14:43	1
Specific Conductance	1430				umhos/cm			03/26/25 14:43	1
Well bottom elevation	459.84				ft			03/26/25 14:43	1
Field Turbidity	0.38				NTU			03/26/25 14:43	1

Definitions/Glossary

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

Job ID: 500-265351-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

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.
E	Result exceeded calibration range.
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 (Quarry) CCR

Job ID: 500-265351-1

Metals

Prep Batch: 810213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total Recoverable	Water	3005A	
500-265351-2	T06S	Total Recoverable	Water	3005A	
MB 500-810213/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-810213/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 810386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total Recoverable	Water	3005A	
500-265351-4	T08S	Total Recoverable	Water	3005A	
500-265351-5	T05S	Total Recoverable	Water	3005A	
MB 500-810386/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-810386/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 810733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total Recoverable	Water	6020B	810213
500-265351-2	T06S	Total Recoverable	Water	6020B	810213
500-265351-3	T02S	Total Recoverable	Water	6020B	810386
500-265351-4	T08S	Total Recoverable	Water	6020B	810386
500-265351-5	T05S	Total Recoverable	Water	6020B	810386
MB 500-810213/1-A	Method Blank	Total Recoverable	Water	6020B	810213
MB 500-810386/1-A	Method Blank	Total Recoverable	Water	6020B	810386
LCS 500-810213/2-A	Lab Control Sample	Total Recoverable	Water	6020B	810213
LCS 500-810386/2-A	Lab Control Sample	Total Recoverable	Water	6020B	810386

Prep Batch: 811206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	3005A	
500-265351-7	T11S	Total Recoverable	Water	3005A	
500-265351-8	G31S	Total Recoverable	Water	3005A	
500-265351-9	G33S	Total Recoverable	Water	3005A	
500-265351-10	T13S	Total Recoverable	Water	3005A	
500-265351-11	T12S	Total Recoverable	Water	3005A	
500-265351-12	G30S	Total Recoverable	Water	3005A	
500-265351-13	G20S	Total Recoverable	Water	3005A	
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 811211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	3005A	
500-265351-15	G46S	Total Recoverable	Water	3005A	
500-265351-16	T03S	Total Recoverable	Water	3005A	
500-265351-17	R32S	Total Recoverable	Water	3005A	
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 811400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	6020B	811211
500-265351-15	G46S	Total Recoverable	Water	6020B	811211

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QC Association Summary

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

Job ID: 500-265351-1

Metals (Continued)

Analysis Batch: 811400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-16	T03S	Total Recoverable	Water	6020B	811211
500-265351-17	R32S	Total Recoverable	Water	6020B	811211
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	6020B	811211
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811211

Analysis Batch: 811401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	6020B	811206
500-265351-7	T11S	Total Recoverable	Water	6020B	811206
500-265351-8	G31S	Total Recoverable	Water	6020B	811206
500-265351-9	G33S	Total Recoverable	Water	6020B	811206
500-265351-10	T13S	Total Recoverable	Water	6020B	811206
500-265351-11	T12S	Total Recoverable	Water	6020B	811206
500-265351-12	G30S	Total Recoverable	Water	6020B	811206
500-265351-13	G20S	Total Recoverable	Water	6020B	811206
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	6020B	811206
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811206

Analysis Batch: 811548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	6020B	811206
500-265351-7	T11S	Total Recoverable	Water	6020B	811206
500-265351-8	G31S	Total Recoverable	Water	6020B	811206
500-265351-9	G33S	Total Recoverable	Water	6020B	811206
500-265351-10	T13S	Total Recoverable	Water	6020B	811206
500-265351-11	T12S	Total Recoverable	Water	6020B	811206
500-265351-12	G30S	Total Recoverable	Water	6020B	811206
500-265351-13	G20S	Total Recoverable	Water	6020B	811206
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	6020B	811206
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811206

Analysis Batch: 811549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	6020B	811211
500-265351-15	G46S	Total Recoverable	Water	6020B	811211
500-265351-16	T03S	Total Recoverable	Water	6020B	811211
500-265351-17	R32S	Total Recoverable	Water	6020B	811211
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	6020B	811211
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811211

Prep Batch: 811562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total Recoverable	Water	3005A	
500-265351-19	G39S	Total Recoverable	Water	3005A	
500-265351-20	G39S DUP	Total Recoverable	Water	3005A	
500-265351-21	G45S	Total Recoverable	Water	3005A	
500-265351-22	G48S	Total Recoverable	Water	3005A	
500-265351-23	G47S	Total Recoverable	Water	3005A	
MB 500-811562/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811562/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

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QC Association Summary

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

Job ID: 500-265351-1

Metals

Analysis Batch: 811784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total Recoverable	Water	6020B	811562
500-265351-19	G39S	Total Recoverable	Water	6020B	811562
500-265351-20	G39S DUP	Total Recoverable	Water	6020B	811562
500-265351-21	G45S	Total Recoverable	Water	6020B	811562
500-265351-22	G48S	Total Recoverable	Water	6020B	811562
500-265351-23	G47S	Total Recoverable	Water	6020B	811562
MB 500-811562/1-A	Method Blank	Total Recoverable	Water	6020B	811562
LCS 500-811562/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811562

Prep Batch: 812139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	7470A	
500-265351-2	T06S	Total/NA	Water	7470A	
500-265351-3	T02S	Total/NA	Water	7470A	
500-265351-4	T08S	Total/NA	Water	7470A	
500-265351-5	T05S	Total/NA	Water	7470A	
500-265351-6	T01S	Total/NA	Water	7470A	
500-265351-7	T11S	Total/NA	Water	7470A	
MB 500-812139/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-812139/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 812354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	7470A	812139
500-265351-2	T06S	Total/NA	Water	7470A	812139
500-265351-3	T02S	Total/NA	Water	7470A	812139
500-265351-4	T08S	Total/NA	Water	7470A	812139
500-265351-5	T05S	Total/NA	Water	7470A	812139
500-265351-6	T01S	Total/NA	Water	7470A	812139
500-265351-7	T11S	Total/NA	Water	7470A	812139
MB 500-812139/12-A	Method Blank	Total/NA	Water	7470A	812139
LCS 500-812139/13-A	Lab Control Sample	Total/NA	Water	7470A	812139

Prep Batch: 812513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	7470A	
500-265351-9	G33S	Total/NA	Water	7470A	
500-265351-10	T13S	Total/NA	Water	7470A	
500-265351-11	T12S	Total/NA	Water	7470A	
500-265351-12	G30S	Total/NA	Water	7470A	
500-265351-13	G20S	Total/NA	Water	7470A	
500-265351-14	R08S	Total/NA	Water	7470A	
500-265351-15	G46S	Total/NA	Water	7470A	
500-265351-16	T03S	Total/NA	Water	7470A	
500-265351-17	R32S	Total/NA	Water	7470A	
500-265351-18	G44S	Total/NA	Water	7470A	
500-265351-19	G39S	Total/NA	Water	7470A	
500-265351-20	G39S DUP	Total/NA	Water	7470A	
500-265351-21	G45S	Total/NA	Water	7470A	
500-265351-22	G48S	Total/NA	Water	7470A	
500-265351-23	G47S	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 500-265351-1

Metals (Continued)

Prep Batch: 812513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-812513/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-812513/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-265351-16 MS	T03S	Total/NA	Water	7470A	
500-265351-16 MSD	T03S	Total/NA	Water	7470A	
500-265351-16 DU	T03S	Total/NA	Water	7470A	

Analysis Batch: 812724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	7470A	812513
500-265351-9	G33S	Total/NA	Water	7470A	812513
500-265351-10	T13S	Total/NA	Water	7470A	812513
500-265351-11	T12S	Total/NA	Water	7470A	812513
500-265351-12	G30S	Total/NA	Water	7470A	812513
500-265351-13	G20S	Total/NA	Water	7470A	812513
500-265351-14	R08S	Total/NA	Water	7470A	812513
500-265351-15	G46S	Total/NA	Water	7470A	812513
500-265351-16	T03S	Total/NA	Water	7470A	812513
500-265351-17	R32S	Total/NA	Water	7470A	812513
500-265351-18	G44S	Total/NA	Water	7470A	812513
500-265351-19	G39S	Total/NA	Water	7470A	812513
500-265351-20	G39S DUP	Total/NA	Water	7470A	812513
500-265351-21	G45S	Total/NA	Water	7470A	812513
500-265351-22	G48S	Total/NA	Water	7470A	812513
500-265351-23	G47S	Total/NA	Water	7470A	812513
MB 500-812513/12-A	Method Blank	Total/NA	Water	7470A	812513
LCS 500-812513/13-A	Lab Control Sample	Total/NA	Water	7470A	812513
500-265351-16 MS	T03S	Total/NA	Water	7470A	812513
500-265351-16 MSD	T03S	Total/NA	Water	7470A	812513
500-265351-16 DU	T03S	Total/NA	Water	7470A	812513

General Chemistry

Analysis Batch: 810513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 F C	
500-265351-2	T06S	Total/NA	Water	SM 4500 F C	
500-265351-3	T02S	Total/NA	Water	SM 4500 F C	
500-265351-4	T08S	Total/NA	Water	SM 4500 F C	
MB 500-810513/10	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-810513/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-265351-1 MS	T09S	Total/NA	Water	SM 4500 F C	
500-265351-1 MSD	T09S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 810529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 2540C	
500-265351-2	T06S	Total/NA	Water	SM 2540C	
500-265351-3	T02S	Total/NA	Water	SM 2540C	
500-265351-4	T08S	Total/NA	Water	SM 2540C	
MB 500-810529/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810529/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-265351-1

General Chemistry

Analysis Batch: 810530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-5	T05S	Total/NA	Water	SM 2540C	
500-265351-6	T01S	Total/NA	Water	SM 2540C	
500-265351-7	T11S	Total/NA	Water	SM 2540C	
MB 500-810530/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810530/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-5 MS	T05S	Total/NA	Water	SM 2540C	
500-265351-5 DU	T05S	Total/NA	Water	SM 2540C	
500-265351-6 DU	T01S	Total/NA	Water	SM 2540C	

Analysis Batch: 810700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 Cl- E	
500-265351-2	T06S	Total/NA	Water	SM 4500 Cl- E	
500-265351-4	T08S	Total/NA	Water	SM 4500 Cl- E	
500-265351-7	T11S	Total/NA	Water	SM 4500 Cl- E	
MB 500-810700/52	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-810700/53	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 810707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	SM 2540C	
500-265351-9	G33S	Total/NA	Water	SM 2540C	
500-265351-10	T13S	Total/NA	Water	SM 2540C	
500-265351-11	T12S	Total/NA	Water	SM 2540C	
MB 500-810707/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810707/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 810910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	SM 4500 Cl- E	
500-265351-9	G33S	Total/NA	Water	SM 4500 Cl- E	
500-265351-10	T13S	Total/NA	Water	SM 4500 Cl- E	
500-265351-11	T12S	Total/NA	Water	SM 4500 Cl- E	
500-265351-12	G30S	Total/NA	Water	SM 4500 Cl- E	
500-265351-13	G20S	Total/NA	Water	SM 4500 Cl- E	
MB 500-810910/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-810910/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 810911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 SO4 E	
500-265351-2	T06S	Total/NA	Water	SM 4500 SO4 E	
500-265351-3	T02S	Total/NA	Water	SM 4500 SO4 E	
500-265351-4	T08S	Total/NA	Water	SM 4500 SO4 E	
500-265351-5	T05S	Total/NA	Water	SM 4500 SO4 E	
500-265351-6	T01S	Total/NA	Water	SM 4500 SO4 E	
500-265351-7	T11S	Total/NA	Water	SM 4500 SO4 E	
500-265351-8	G31S	Total/NA	Water	SM 4500 SO4 E	
500-265351-9	G33S	Total/NA	Water	SM 4500 SO4 E	
500-265351-10	T13S	Total/NA	Water	SM 4500 SO4 E	
500-265351-11	T12S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

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

Job ID: 500-265351-1

General Chemistry (Continued)

Analysis Batch: 810911 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	SM 4500 SO4 E	
500-265351-13	G20S	Total/NA	Water	SM 4500 SO4 E	
MB 500-810911/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-810911/67	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-810911/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-810911/68	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-265351-13 MS	G20S	Total/NA	Water	SM 4500 SO4 E	
500-265351-13 MSD	G20S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 810920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	SM 2540C	
500-265351-13	G20S	Total/NA	Water	SM 2540C	
MB 500-810920/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810920/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-12 MS	G30S	Total/NA	Water	SM 2540C	
500-265351-12 DU	G30S	Total/NA	Water	SM 2540C	

Analysis Batch: 811074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 2540C	
500-265351-15	G46S	Total/NA	Water	SM 2540C	
500-265351-16	T03S	Total/NA	Water	SM 2540C	
500-265351-17	R32S	Total/NA	Water	SM 2540C	
MB 500-811074/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-811074/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-14 MS	R08S	Total/NA	Water	SM 2540C	
500-265351-14 DU	R08S	Total/NA	Water	SM 2540C	

Analysis Batch: 811234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	SM 4500 Cl- E	
500-265351-5	T05S	Total/NA	Water	SM 4500 Cl- E	
500-265351-14	R08S	Total/NA	Water	SM 4500 Cl- E	
500-265351-15	G46S	Total/NA	Water	SM 4500 Cl- E	
500-265351-16	T03S	Total/NA	Water	SM 4500 Cl- E	
500-265351-17	R32S	Total/NA	Water	SM 4500 Cl- E	
MB 500-811234/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-811234/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 811394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-5	T05S	Total/NA	Water	SM 4500 F C	
500-265351-6	T01S	Total/NA	Water	SM 4500 F C	
500-265351-7	T11S	Total/NA	Water	SM 4500 F C	
500-265351-8	G31S	Total/NA	Water	SM 4500 F C	
500-265351-9	G33S	Total/NA	Water	SM 4500 F C	
500-265351-10	T13S	Total/NA	Water	SM 4500 F C	
500-265351-11	T12S	Total/NA	Water	SM 4500 F C	
500-265351-12	G30S	Total/NA	Water	SM 4500 F C	
500-265351-13	G20S	Total/NA	Water	SM 4500 F C	

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QC Association Summary

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

Job ID: 500-265351-1

General Chemistry (Continued)

Analysis Batch: 811394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 4500 F C	
500-265351-15	G46S	Total/NA	Water	SM 4500 F C	
500-265351-16	T03S	Total/NA	Water	SM 4500 F C	
500-265351-17	R32S	Total/NA	Water	SM 4500 F C	
MB 500-811394/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-811394/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-265351-6 MS	T01S	Total/NA	Water	SM 4500 F C	
500-265351-6 MSD	T01S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 811511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 4500 Cl- E	
500-265351-19	G39S	Total/NA	Water	SM 4500 Cl- E	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 Cl- E	
500-265351-21	G45S	Total/NA	Water	SM 4500 Cl- E	
500-265351-22	G48S	Total/NA	Water	SM 4500 Cl- E	
500-265351-23	G47S	Total/NA	Water	SM 4500 Cl- E	
MB 500-811511/100	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-811511/102	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-265351-18 MS	G44S	Total/NA	Water	SM 4500 Cl- E	
500-265351-18 MSD	G44S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 811554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 4500 SO4 E	
500-265351-15	G46S	Total/NA	Water	SM 4500 SO4 E	
500-265351-16	T03S	Total/NA	Water	SM 4500 SO4 E	
500-265351-17	R32S	Total/NA	Water	SM 4500 SO4 E	
500-265351-18	G44S	Total/NA	Water	SM 4500 SO4 E	
500-265351-19	G39S	Total/NA	Water	SM 4500 SO4 E	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 SO4 E	
500-265351-21	G45S	Total/NA	Water	SM 4500 SO4 E	
500-265351-22	G48S	Total/NA	Water	SM 4500 SO4 E	
500-265351-23	G47S	Total/NA	Water	SM 4500 SO4 E	
MB 500-811554/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-811554/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-265351-15 MS	G46S	Total/NA	Water	SM 4500 SO4 E	
500-265351-15 MSD	G46S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 811633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 2540C	
500-265351-19	G39S	Total/NA	Water	SM 2540C	
500-265351-20	G39S DUP	Total/NA	Water	SM 2540C	
500-265351-21	G45S	Total/NA	Water	SM 2540C	
500-265351-22	G48S	Total/NA	Water	SM 2540C	
500-265351-23	G47S	Total/NA	Water	SM 2540C	
MB 500-811633/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-811633/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-18 MS	G44S	Total/NA	Water	SM 2540C	
500-265351-18 DU	G44S	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-265351-1

General Chemistry

Analysis Batch: 812266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 4500 F C	
500-265351-19	G39S	Total/NA	Water	SM 4500 F C	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 F C	
500-265351-21	G45S	Total/NA	Water	SM 4500 F C	
500-265351-22	G48S	Total/NA	Water	SM 4500 F C	
500-265351-23	G47S	Total/NA	Water	SM 4500 F C	
MB 500-812266/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-812266/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 812712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	SM 4500 Cl- E	
MB 500-812712/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-812712/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-265351-6 MS	T01S	Total/NA	Water	SM 4500 Cl- E	
500-265351-6 MSD	T01S	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 811261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	Field Sampling	
500-265351-2	T06S	Total/NA	Water	Field Sampling	
500-265351-3	T02S	Total/NA	Water	Field Sampling	
500-265351-4	T08S	Total/NA	Water	Field Sampling	
500-265351-5	T05S	Total/NA	Water	Field Sampling	
500-265351-6	T01S	Total/NA	Water	Field Sampling	
500-265351-7	T11S	Total/NA	Water	Field Sampling	
500-265351-8	G31S	Total/NA	Water	Field Sampling	
500-265351-9	G33S	Total/NA	Water	Field Sampling	
500-265351-10	T13S	Total/NA	Water	Field Sampling	
500-265351-11	T12S	Total/NA	Water	Field Sampling	
500-265351-12	G30S	Total/NA	Water	Field Sampling	
500-265351-13	G20S	Total/NA	Water	Field Sampling	
500-265351-14	R08S	Total/NA	Water	Field Sampling	
500-265351-15	G46S	Total/NA	Water	Field Sampling	
500-265351-16	T03S	Total/NA	Water	Field Sampling	
500-265351-17	R32S	Total/NA	Water	Field Sampling	
500-265351-18	G44S	Total/NA	Water	Field Sampling	
500-265351-19	G39S	Total/NA	Water	Field Sampling	
500-265351-20	G39S DUP	Total/NA	Water	Field Sampling	
500-265351-21	G45S	Total/NA	Water	Field Sampling	
500-265351-22	G48S	Total/NA	Water	Field Sampling	
500-265351-23	G47S	Total/NA	Water	Field Sampling	

QC Sample Results

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

Job ID: 500-265351-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-810213/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/18/25 08:06	03/20/25 19:41	1
Arsenic	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Barium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:41	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Boron	<0.050		0.050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Calcium	<0.20		0.20		mg/L		03/18/25 08:06	03/20/25 19:41	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Lithium	<0.010		0.010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Molybdenum	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:41	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:41	1

Lab Sample ID: LCS 500-810213/2-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 810213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.521		mg/L		104	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Boron	1.00	0.990		mg/L		99	80 - 120
Cadmium	0.0500	0.0511		mg/L		102	80 - 120
Calcium	10.0	8.82		mg/L		88	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: MB 500-810386/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/19/25 08:08	03/20/25 17:29	1
Arsenic	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Barium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 17:29	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Boron	<0.050		0.050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Calcium	<0.20		0.20		mg/L		03/19/25 08:08	03/20/25 17:29	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-810386/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Lithium	<0.010		0.010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Molybdenum	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Selenium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 17:29	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 17:29	1

Lab Sample ID: LCS 500-810386/2-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.520		mg/L		104	80 - 120
Arsenic	0.100	0.0998		mg/L		100	80 - 120
Barium	0.500	0.514		mg/L		103	80 - 120
Beryllium	0.0500	0.0506		mg/L		101	80 - 120
Boron	1.00	1.02		mg/L		102	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	10.0	8.75		mg/L		88	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.500	0.537		mg/L		107	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Lithium	0.100	0.105		mg/L		105	80 - 120
Molybdenum	1.00	0.999		mg/L		100	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: MB 500-811206/1-A

Matrix: Water

Analysis Batch: 811401

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/26/25 15:19	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Barium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/26/25 15:19	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Boron	<0.050		0.050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Lithium	<0.010		0.010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 15:19	1

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811206/1-A

Matrix: Water

Analysis Batch: 811548

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.20		0.20		mg/L		03/25/25 14:39	03/27/25 11:34	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:34	1

Lab Sample ID: LCS 500-811206/2-A

Matrix: Water

Analysis Batch: 811401

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.483		mg/L		97	80 - 120
Arsenic	0.100	0.0906		mg/L		91	80 - 120
Barium	0.500	0.470		mg/L		94	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	1.00	0.972		mg/L		97	80 - 120
Cadmium	0.0500	0.0482		mg/L		96	80 - 120
Chromium	0.200	0.202		mg/L		101	80 - 120
Cobalt	0.500	0.576	^+	mg/L		115	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.969		mg/L		97	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-811206/2-A

Matrix: Water

Analysis Batch: 811548

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	9.05		mg/L		90	80 - 120
Selenium	0.100	0.0975		mg/L		97	80 - 120

Lab Sample ID: MB 500-811211/1-A

Matrix: Water

Analysis Batch: 811400

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 15:52	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Barium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/26/25 15:52	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Boron	<0.050		0.050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Calcium	<0.20		0.20		mg/L		03/25/25 14:56	03/26/25 15:52	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Lithium	<0.010		0.010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 15:52	1

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811211/1-A
Matrix: Water
Analysis Batch: 811549

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 811211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 11:59	1

Lab Sample ID: LCS 500-811211/2-A
Matrix: Water
Analysis Batch: 811400

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 811211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.488		mg/L		98	80 - 120
Arsenic	0.100	0.0939		mg/L		94	80 - 120
Barium	0.500	0.471		mg/L		94	80 - 120
Beryllium	0.0500	0.0469		mg/L		94	80 - 120
Boron	1.00	0.960		mg/L		96	80 - 120
Cadmium	0.0500	0.0468		mg/L		94	80 - 120
Calcium	10.0	7.97		mg/L		80	80 - 120
Chromium	0.200	0.192		mg/L		96	80 - 120
Cobalt	0.500	0.505		mg/L		101	80 - 120
Lead	0.100	0.0960		mg/L		96	80 - 120
Lithium	0.100	0.0923		mg/L		92	80 - 120
Molybdenum	1.00	0.925		mg/L		93	80 - 120
Thallium	0.100	0.0969		mg/L		97	80 - 120

Lab Sample ID: LCS 500-811211/2-A
Matrix: Water
Analysis Batch: 811549

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 811211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.0974		mg/L		97	80 - 120

Lab Sample ID: MB 500-811562/1-A
Matrix: Water
Analysis Batch: 811784

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 811562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 17:41	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Barium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 17:41	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Boron	<0.050		0.050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Calcium	<0.20		0.20		mg/L		03/27/25 16:42	03/28/25 17:41	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Lithium	<0.010		0.010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Molybdenum	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 17:41	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 17:41	1

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: LCS 500-811562/2-A
Matrix: Water
Analysis Batch: 811784

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 811562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.494		mg/L		99	80 - 120
Arsenic	0.100	0.0944		mg/L		94	80 - 120
Barium	0.500	0.484		mg/L		97	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Boron	1.00	0.953		mg/L		95	80 - 120
Cadmium	0.0500	0.0482		mg/L		96	80 - 120
Calcium	10.0	8.28		mg/L		83	80 - 120
Chromium	0.200	0.195		mg/L		97	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.100	0.0969		mg/L		97	80 - 120
Lithium	0.100	0.0958		mg/L		96	80 - 120
Molybdenum	1.00	0.927		mg/L		93	80 - 120
Selenium	0.100	0.0939		mg/L		94	80 - 120
Thallium	0.100	0.0962		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-812139/12-A
Matrix: Water
Analysis Batch: 812354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 812139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:08	1

Lab Sample ID: LCS 500-812139/13-A
Matrix: Water
Analysis Batch: 812354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-812513/12-A
Matrix: Water
Analysis Batch: 812724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 812513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:16	1

Lab Sample ID: LCS 500-812513/13-A
Matrix: Water
Analysis Batch: 812724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812513

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

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-16 MS

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-265351-16 MSD

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000994		mg/L		99	75 - 125	3	20

Lab Sample ID: 500-265351-16 DU

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

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

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

Lab Sample ID: MB 500-810529/1

Matrix: Water

Analysis Batch: 810529

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			03/19/25 21:17	1

Lab Sample ID: LCS 500-810529/2

Matrix: Water

Analysis Batch: 810529

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	246		mg/L		98	80 - 120

Lab Sample ID: MB 500-810530/1

Matrix: Water

Analysis Batch: 810530

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			03/19/25 22:47	1

Lab Sample ID: LCS 500-810530/2

Matrix: Water

Analysis Batch: 810530

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	246		mg/L		98	80 - 120

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-5 MS

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1500		250	1770	4	mg/L		126	75 - 125

Lab Sample ID: 500-265351-5 DU

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1500		1470		mg/L		1	5

Lab Sample ID: 500-265351-6 DU

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	990		992		mg/L		0.2	5

Lab Sample ID: MB 500-810707/1

Matrix: Water

Analysis Batch: 810707

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			03/21/25 01:25	1

Lab Sample ID: LCS 500-810707/2

Matrix: Water

Analysis Batch: 810707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-810920/1

Matrix: Water

Analysis Batch: 810920

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			03/24/25 00:42	1

Lab Sample ID: LCS 500-810920/2

Matrix: Water

Analysis Batch: 810920

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	266		mg/L		106	80 - 120

Lab Sample ID: 500-265351-12 MS

Matrix: Water

Analysis Batch: 810920

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1300		250	1610	4	mg/L		118	75 - 125

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-12 DU

Matrix: Water

Analysis Batch: 810920

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1330		mg/L		0.6	5

Lab Sample ID: MB 500-811074/1

Matrix: Water

Analysis Batch: 811074

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			03/24/25 23:10	1

Lab Sample ID: LCS 500-811074/2

Matrix: Water

Analysis Batch: 811074

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	258		mg/L		103	80 - 120

Lab Sample ID: 500-265351-14 MS

Matrix: Water

Analysis Batch: 811074

Client Sample ID: R08S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	760	F1	250	1140	F1	mg/L		151	75 - 125

Lab Sample ID: 500-265351-14 DU

Matrix: Water

Analysis Batch: 811074

Client Sample ID: R08S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	760	F1	754		mg/L		0.5	5

Lab Sample ID: MB 500-811633/1

Matrix: Water

Analysis Batch: 811633

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			03/28/25 10:21	1

Lab Sample ID: LCS 500-811633/2

Matrix: Water

Analysis Batch: 811633

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	230		mg/L		92	80 - 120

Lab Sample ID: 500-265351-18 MS

Matrix: Water

Analysis Batch: 811633

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	720		250	980		mg/L		105	75 - 125

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QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-18 DU
Matrix: Water
Analysis Batch: 811633

Client Sample ID: G44S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	720		744		mg/L		4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-810700/52
Matrix: Water
Analysis Batch: 810700

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/20/25 18:17	1

Lab Sample ID: LCS 500-810700/53
Matrix: Water
Analysis Batch: 810700

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	18.7		mg/L		94	85 - 115

Lab Sample ID: MB 500-810910/16
Matrix: Water
Analysis Batch: 810910

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/23/25 13:14	1

Lab Sample ID: LCS 500-810910/17
Matrix: Water
Analysis Batch: 810910

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 500-811234/16
Matrix: Water
Analysis Batch: 811234

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/25/25 15:29	1

Lab Sample ID: LCS 500-811234/17
Matrix: Water
Analysis Batch: 811234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.9		mg/L		100	85 - 115

QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811511/100

Matrix: Water

Analysis Batch: 811511

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/27/25 09:58	1

Lab Sample ID: LCS 500-811511/102

Matrix: Water

Analysis Batch: 811511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.8		mg/L		99	85 - 115

Lab Sample ID: 500-265351-18 MS

Matrix: Water

Analysis Batch: 811511

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57	F1	40.0	72.6	F1	mg/L		40	75 - 125

Lab Sample ID: 500-265351-18 MSD

Matrix: Water

Analysis Batch: 811511

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57	F1	40.0	72.4	F1	mg/L		39	75 - 125	0	20

Lab Sample ID: MB 500-812712/16

Matrix: Water

Analysis Batch: 812712

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			04/07/25 10:20	1

Lab Sample ID: LCS 500-812712/17

Matrix: Water

Analysis Batch: 812712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.7		mg/L		99	85 - 115

Lab Sample ID: 500-265351-6 MS

Matrix: Water

Analysis Batch: 812712

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	99	F1	20.0	115	4	mg/L		76	75 - 125

Lab Sample ID: 500-265351-6 MSD

Matrix: Water

Analysis Batch: 812712

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	99	F1	20.0	113	4	mg/L		71	75 - 125	1	20

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QC Sample Results

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

Job ID: 500-265351-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-810513/10

Matrix: Water

Analysis Batch: 810513

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/19/25 14:26	1

Lab Sample ID: LCS 500-810513/11

Matrix: Water

Analysis Batch: 810513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.3		mg/L		103	90 - 119

Lab Sample ID: 500-265351-1 MS

Matrix: Water

Analysis Batch: 810513

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	0.36		5.00	5.66		mg/L		106	75 - 125

Lab Sample ID: 500-265351-1 MSD

Matrix: Water

Analysis Batch: 810513

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	0.36		5.00	5.72		mg/L		107	75 - 125	1	20

Lab Sample ID: MB 500-811394/3

Matrix: Water

Analysis Batch: 811394

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/26/25 09:16	1

Lab Sample ID: LCS 500-811394/4

Matrix: Water

Analysis Batch: 811394

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	9.83		mg/L		98	90 - 119

Lab Sample ID: 500-265351-6 MS

Matrix: Water

Analysis Batch: 811394

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.1		5.00	6.38		mg/L		105	75 - 125

Lab Sample ID: 500-265351-6 MSD

Matrix: Water

Analysis Batch: 811394

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.1		5.00	6.36		mg/L		104	75 - 125	0	20

Eurofins Chicago

QC Sample Results

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

Job ID: 500-265351-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-812266/3
Matrix: Water
Analysis Batch: 812266

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			04/02/25 14:37	1

Lab Sample ID: LCS 500-812266/4
Matrix: Water
Analysis Batch: 812266

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	9.98		mg/L		100	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-810911/16
Matrix: Water
Analysis Batch: 810911

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/23/25 15:39	1

Lab Sample ID: MB 500-810911/67
Matrix: Water
Analysis Batch: 810911

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/23/25 16:15	1

Lab Sample ID: LCS 500-810911/17
Matrix: Water
Analysis Batch: 810911

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: LCS 500-810911/68
Matrix: Water
Analysis Batch: 810911

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	21.5		mg/L		108	88 - 123

Lab Sample ID: 500-265351-13 MS
Matrix: Water
Analysis Batch: 810911

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	65		20.0	81.5		mg/L		83	75 - 125

Eurofins Chicago

QC Sample Results

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

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-13 MSD

Matrix: Water

Analysis Batch: 810911

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
Sulfate	65		20.0	82.3		mg/L		87	75 - 125	1	20

Lab Sample ID: MB 500-811554/16

Matrix: Water

Analysis Batch: 811554

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/27/25 12:54	1

Lab Sample ID: LCS 500-811554/17

Matrix: Water

Analysis Batch: 811554

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	21.3		mg/L		107	88 - 123

Lab Sample ID: 500-265351-15 MS

Matrix: Water

Analysis Batch: 811554

Client Sample ID: G46S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	490		20.0	495	4	mg/L		20	75 - 125

Lab Sample ID: 500-265351-15 MSD

Matrix: Water

Analysis Batch: 811554

Client Sample ID: G46S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	490		20.0	504	4 E	mg/L		65	75 - 125	2	20

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-135040-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin:		Page: 1 of 8	
Company: Midwest Generation EME LLC		PWSID		Analysis Requested		Job #: <i>500-265351</i>		Preservation Codes	
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_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E Total Number of containers		D HNO3		N None	
City: Joliet		TAT Requested (days)				Other:			
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO #: 4502187984							
Email: james.thorne@nrg.com		WO #: 50011504							
Project Name: Joliet #9 CCR		SSOW#:							
Site: Illinois									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
						Preservation Code			
<i>14</i> R08S		<i>03/24/25</i> <i>1057</i>				Water		<i>5</i>	
<i>15</i> G20S		<i>03/24/25</i> <i>1155</i>				Water		<i>5</i>	
<i>16</i> R02S		<i>03/24/25</i> <i>1315</i>				Water		<i>5</i>	
<i>17</i> G44S		<i>03/24/25</i> <i>1411</i>				Water		<i>5</i>	
G45S						Water			
G46S						Water			
G47S						Water			
G48S						Water			
T03S						Water			
G30S						Water			
DUP						Water			
Possible Hazard Identification									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I, II, III, IV, Other (specify)									
Special Instructions/QC Requirements									
Empty Kit Relinquished by									
Relinquished by: <i>92</i>		Date/Time: <i>03/24/25 1523</i>		Company: <i>FEET</i>		Received by: <i>Shirley</i>		Date/Time: <i>3/24/25 1523</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>0.4 → 20.1</i>					

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Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-1

Login Number: 265351

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	1.9,1.6,0.8,0.6,-0.6,1.5,3.5 Samples not frozen,0.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: T09S

Date Collected: 03/17/25 12:28

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810213	BDE	EET CHI	03/18/25 08:06 - 03/18/25 14:06 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 19:46
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:43
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:08
Total/NA	Analysis	SM 4500 CI- E		2	810700	TR	EET CHI	03/20/25 18:38
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:35
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:04
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/17/25 12:28

Client Sample ID: T06S

Date Collected: 03/17/25 14:18

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810213	BDE	EET CHI	03/18/25 08:06 - 03/18/25 14:06 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 19:48
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:45
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:11
Total/NA	Analysis	SM 4500 CI- E		1	810700	TR	EET CHI	03/20/25 18:21
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:58
Total/NA	Analysis	SM 4500 SO4 E		5	810911	TR	EET CHI	03/23/25 16:06
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/17/25 14:18

Client Sample ID: T02S

Date Collected: 03/18/25 10:44

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:18
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:47
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:13
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:44
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 15:02
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:39
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 10:44

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: T08S

Date Collected: 03/18/25 12:29

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:21
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:49
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:16
Total/NA	Analysis	SM 4500 CI- E		2	810700	TR	EET CHI	03/20/25 18:38
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 15:06
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 15:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 12:29

Client Sample ID: T05S

Date Collected: 03/18/25 14:21

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:25
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:52
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 22:52
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:44
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:27
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:40
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 14:21

Client Sample ID: T01S

Date Collected: 03/19/25 11:02

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:39
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:12
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 09:04
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 22:59
Total/NA	Analysis	SM 4500 CI- E		5	812712	LP	EET CHI	04/07/25 10:35
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:33
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 15:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/19/25 11:02

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Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: T11S

Date Collected: 03/19/25 13:47

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:41
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:15
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 09:06
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 23:05
Total/NA	Analysis	SM 4500 CI- E		5	810700	TR	EET CHI	03/20/25 18:41
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:48
Total/NA	Analysis	SM 4500 SO4 E		5	810911	TR	EET CHI	03/23/25 15:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/19/25 13:47

Client Sample ID: G31S

Date Collected: 03/20/25 10:39

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:44
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:17
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:20
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:50
Total/NA	Analysis	SM 4500 CI- E		5	810910	TR	EET CHI	03/23/25 13:40
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:52
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 10:39

Client Sample ID: G33S

Date Collected: 03/20/25 11:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:46
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:20
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:22
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:53
Total/NA	Analysis	SM 4500 CI- E		1	810910	TR	EET CHI	03/23/25 13:16
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:57

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: G33S

Date Collected: 03/20/25 11:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-9

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		2	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 11:33

Client Sample ID: T13S

Date Collected: 03/20/25 12:37

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:49
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:22
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:25
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:55
Total/NA	Analysis	SM 4500 Cl- E		1	810910	TR	EET CHI	03/23/25 13:16
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:01
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 12:37

Client Sample ID: T12S

Date Collected: 03/20/25 13:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:51
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:24
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:27
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:58
Total/NA	Analysis	SM 4500 Cl- E		2	810910	TR	EET CHI	03/23/25 13:40
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:16
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:27
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 13:33

Client Sample ID: G30S

Date Collected: 03/21/25 10:38

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:58

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: G30S

Date Collected: 03/21/25 10:38

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:27
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:29
Total/NA	Analysis	SM 2540C		1	810920	CLB	EET CHI	03/24/25 00:50
Total/NA	Analysis	SM 4500 CI- E		5	810910	TR	EET CHI	03/23/25 13:41
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:20
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:39
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/21/25 10:38

Client Sample ID: G20S

Date Collected: 03/21/25 13:20

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 12:10
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:34
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:31
Total/NA	Analysis	SM 2540C		1	810920	CLB	EET CHI	03/24/25 00:58
Total/NA	Analysis	SM 4500 CI- E		1	810910	TR	EET CHI	03/23/25 13:17
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:24
Total/NA	Analysis	SM 4500 SO4 E		2	810911	TR	EET CHI	03/23/25 16:29
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/21/25 13:20

Client Sample ID: R08S

Date Collected: 03/24/25 10:57

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:20
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:16
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:33
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:15
Total/NA	Analysis	SM 4500 CI- E		2	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:29
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 10:57

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: G46S

Date Collected: 03/24/25 11:55

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:05
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:06
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:52
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:23
Total/NA	Analysis	SM 4500 CI- E		2	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:33
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 11:55

Client Sample ID: T03S

Date Collected: 03/24/25 13:15

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:32
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:30
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:54
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:26
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:10
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 13:15

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:15
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:13
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:03
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:29
Total/NA	Analysis	SM 4500 CI- E		1	811234	TR	EET CHI	03/25/25 15:31
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:42

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

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	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 14:11

Client Sample ID: G44S

Date Collected: 03/26/25 09:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:03
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:16
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:27
Total/NA	Analysis	SM 4500 Cl- E		2	811511	TR	EET CHI	03/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:03
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:10
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 09:34

Client Sample ID: G39S

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:05
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:18
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:34
Total/NA	Analysis	SM 4500 Cl- E		1	811511	TR	EET CHI	03/27/25 09:59
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:07
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 10:34

Client Sample ID: G39S DUP

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:08
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:20
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:36
Total/NA	Analysis	SM 4500 Cl- E		1	811511	TR	EET CHI	03/27/25 09:59

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:20
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:09
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 10:34

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:10
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:23
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:39
Total/NA	Analysis	SM 4500 Cl- E		5	811511	TR	EET CHI	03/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:25
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:09
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 11:38

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:12
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:25
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:41
Total/NA	Analysis	SM 4500 Cl- E		5	811511	TR	EET CHI	03/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:29
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 13:25

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:25
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:27
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:43

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-1

Client Sample ID: G47S

Date Collected: 03/26/25 14:43

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 Cl- E		2	811511	TR	EET CHI	03/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:32
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 14:43

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 (Quarry) CCR

Job ID: 500-265351-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-25

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-1

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

PURGING INFORMATION

Purge Date: 03/17/25 Start Purge: 1210 End Purge: 1228
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.69 7.66 7.66 (std.)
Ref. Measuring Pt. TIC SC 993 994 994 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 10.60 10.59 10.59 (°C)
Water Level 112.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.87 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 43°F, Partly Sunny, S winds e 5-10 mph
Turbidity: 430 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 112.62 - 2.40 = 110.22 (ft)

Levels were taken on 03/17/25 @ 1155

* Total Depth: 158.59

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-2

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

PURGING INFORMATION

Purge Date: 03/17/25 Start Purge: 1402 End Purge: 1418
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.42 7.43 7.43 (std.)
Ref. Measuring Pt. TIC SC 714 711 711 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 15.38 15.41 15.41 (°C)
Water Level 118.71 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.34 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 51°F, Sunny, S winds @ 5-10 mph
Turbidity: 3.22 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 118.71 - 2.30 = 116.41 (ft)
Levels were taken on 03/17/25 @ 1347
* Total Deth = 173.00

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-3

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

PURGING INFORMATION

Purge Date: 03/18/25 Start Purge: 1025 End Purge: 1044
(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 7.99 8.00 8.00 (std.)
Ref. Measuring Pt. TIC SC 1276 1279 1279 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 12.76 12.76 12.76 (°C)
Water Level 137.44 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.70 (ft./msl)

Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Moderate Turbidity, No Odor
Weather Conditions: 51°F, Partly Sunny, S winds e 0-5 mph
Turbidity: 105.0 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 137.44 - 2.33 = 135.11 (ft.)
Levels were taken on 03/18/25 @ 1010
* Total Depth = 172.75

(Updated: 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-4

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

PURGING INFORMATION

Purge Date: 03/18/25 Start Purge: 1213 End Purge: 1229
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.41

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.59 8.56 8.56 (std.)
Ref. Measuring Pt. TIC SC 1134 1138 1138 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 19.38 19.37 19.37 (°C)
Water Level 132.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 494.98 (ft./msl)

Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 61°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 11.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 132.45 - 2.38 = 130.07 (ft.)
Levels were taken on 03/18/25 @ 1158
* Total Deth = 180.00

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 505 215351-5

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: 03/18/25 Start Purge: 1405 End Purge: 1421
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 8.57 8.55 8.55 (std.)
Ref. Measuring Pt. TIC SC 2220 2220 2220 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 21.50 21.57 21.57 (°C)
Water Level 125.73 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.68 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 67°F, Mostly Cloudy, SE winds e 5-10 mph
Turbidity: 4.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 125.73 - 2.40 = 123.33 (ft.)
Levels were taken on 03/18/25 @ 1350
* Total Deth = 175.00

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-16

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

PURGING INFORMATION

Purge Date: 03/19/25 Start Purge: 1042 End Purge: 1102
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.26

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.88 7.85 7.85 (std.)
Ref. Measuring Pt. TIC SC 1,355 1,354 1,354 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 14.64 14.62 14.62 (°C)
Water Level 124.65 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.18 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, High Turbidity, Slight Odor
Weather Conditions: 63°F, Cloudy, SE winds @ 0-5 mph
Turbidity: 235.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 124.65 - 2.48 = 122.17 (ft)
Levels were taken on 03/19/25 @ 1027
* Total Depth = 170.00

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-7

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

PURGING INFORMATION

Purge Date: 03/19/25 Start Purge: 1327 End Purge: 1347
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.59 7.60 7.60 (std.)
Ref. Measuring Pt. TIC SC 946 948 948 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 10.87 10.86 10.86 (°C)
Water Level 75.09 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 484.31 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 55°F, Cloudy, NE winds e 0-5 mph
Turbidity 50.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 75.09 - 2.74 = 72.35 (ft.)
Levels were taken on 03/19/25 @ 1312
* Total Depth: 113.76

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-245351-8

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

PURGING INFORMATION

Purge Date: 03/20/25 Start Purge: 1025 End Purge: 1039
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.90

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.34 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 1510 1500 1500 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 12.40 12.39 12.39 (°C)
Water Level 28.34 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.33 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear,
Weather Conditions: 35°F, Sunny, NW winds @ 20-25 mph
Turbidity: 1.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 28.34 - 2.58 = 25.76 (ft.)
Levels were taken on 03/20/25 @ 1015.

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-9

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: 03/20/25 Start Purge: 1114 End Purge: 1133
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.74

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.83 7.82 7.82 (std.)
Ref. Measuring Pt. TIC SC 652 646 646 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 13.35 13.40 13.40 (°C)
Water Level 35.82 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 499.85 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No odor
Weather Conditions: 38°F, Sunny, NW winds 10-15 mph
Turbidity: 33.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 35.82 - 1.73 = 34.09 (ft.)
Levels were taken on 03/20/25 @ 1109

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-10

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: 03/20/25 Start Purge: 1226 End Purge: 1237
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.43

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.57 7.55 7.55 (std.)
Ref. Measuring Pt. TIC SC 952 954 954 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 13.08 13.14 13.14 (°C)
Water Level 19.91 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.42 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 38°F, Sunny, NW winds 10-15 mph
Turbidity: 5.06 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 19.91 - 2.76 = 17.15 (ft.)
Levels were taken on 03/20/25 @ 1221
* Total Depth: 73.12 (ft)

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-11

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: 03/20/25 Start Purge: 1321 End Purge: 1333
(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 7.42 7.41 7.41 (std.)
Ref. Measuring Pt. TIC SC 918 921 921 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 12.14 12.16 12.16 (°C)
Water Level 73.74 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.99 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: N.S. Colorless Reddish - Orange, High Turbidity, No Odor
Weather Conditions: 40°F, Sunny, NW winds @ 10-15 mph
Turbidity: 457.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.74 - 2.74 = 71.00 (ft.)
Levels were taken on 03/20/25 @ 1316
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-205351-12

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: 03/21/22 Start Purge: 1023 End Purge: 1038
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.19

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.36 7.35 7.35 (std.)
Ref. Measuring Pt. TIC SC 1,930 1,930 1,930 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 8.83 8.86 8.86 (°C)
Water Level 1.69 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 523.09 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 45°F, Sunny, SW winds @ 5-10 mph
Turbidity: 0.72 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.69 - 2.31 = -0.62 (ft.)
Levels were taken on 03/21/25 @ 1013

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-13

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: 03/21/25 Start Purge: 1306 End Purge: 1320
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.09

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.50 7.48 7.48 (std.)
Ref. Measuring Pt. TIC SC 695 694 694 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 14.12 14.11 14.11 (°C)
Water Level 68.93 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 511.86 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 56°F, Mostly Sunny, SW winds @ 10-15 mph
Turbidity: 2.39 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 68.93 - 2.78 = 66.15 (ft.)
Levels were taken on 03/21/25 @ 1301

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-14

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: 03/24/25 Start Purge: 1040 End Purge: 1057
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.88

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 7.77 7.79 7.79 (std.)
Ref. Measuring Pt. TIC SC 1005 999 999 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 11.75 11.70 11.70 (°C)
Water Level 70.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 508.19 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 36°F, Mostly Cloudy, NW winds 5-10 mph
Turbidity: 0.52 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 70.45 - 2.55 = 67.90 (ft)
Levels were taken on 03/24/25 @ 1030

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-15

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

PURGING INFORMATION

Purge Date: 03/24/25 Start Purge: 1135 End Purge: 1155
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.47 7.46 7.46 (std.)
Ref. Measuring Pt. TIC SC 1261 1255 1255 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 12.90 12.85 12.85 (°C)
Water Level 110.34 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.98 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 37°F, Mostly Cloudy, NW winds 5-10 mph
Turbidity: 41.90 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 110.34 - 2.70 = 107.64 (ft.)
Levels were taken on 03/24/25 @ 1130

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-16

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: 03/24/25 Start Purge: 1253 End Purge: 1315
(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 3.08 (ft) pH 7.34 7.36 7.36 (std.)
Ref. Measuring Pt. TIC SC 1,152 1,163 1,163 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 11.31 11.27 11.27 (°C)
Water Level 140.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.94 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 43°F, Mostly Cloudy, w winds e 5-10 mph
Turbidity: 0.64 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 140.79 - 3.08 = 137.71 (ft)
Levels were taken on 03/24/25 @ 1248
* Total Depth = 172.95

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-17

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: 03/24/25 Start Purge: 1352 End Purge: 1411
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.54 7.53 7.53 (std.)
Ref. Measuring Pt. TIC SC 855 864 864 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 11.46 11.44 11.44 (°C)
Water Level 22.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 514.84 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 45°F, Mostly Sunny, W winds e 5-10 mph
Turbidity: 1.20 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 22.20 - 2.03 = 20.17 (ft.)
Levels were taken on 03/24/25 @ 1347.

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-18

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: 03/26/25 Start Purge: 0916 End Purge: 0934
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.81

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.14 7.13 7.13 (std.)
Ref. Measuring Pt. TIC SC 1046 1043 1043 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 11.02 11.09 11.09 (°C)
Water Level 83.11 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 503.51 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 35°F, Mostly Cloudy, NW winds e 0-5 mph
Turbidity: 2.07 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 83.11 - 2.18 = 80.93 (ft.)
Levels were taken on 03/26/25 @ 0906

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-19

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: 03/26/25 Start Purge: 1011 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.19

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.10 7.13 7.13 (std.)
Ref. Measuring Pt. TIC SC 825 829 829 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 10.96 11.00 11.00 (°C)
Water Level 97.76 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.98 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 42°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity 1.34 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 97.76 - 2.08 = 95.68 (ft.)
Levels were taken on 03/26/25 @ 1006.

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G39S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-20

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

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: _____ End Purge: _____
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

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

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity NTU
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____

(Updated 10/23/2024)

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



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-21

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: 03/26/25 Start Purge: 1127 End Purge: 1138
(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 2.97 (ft) pH 7.40 7.41 7.41 (std.)
Ref. Measuring Pt. TIC SC 923 921 921 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 13.76 13.76 13.76 (°C)
Water Level 64.18 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.63 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear,
Weather Conditions: 45°F, Mostly Cloudy, N winds 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 64.18 - 2.97 = 61.21 (ft.)
Levels were taken on 03/24/25 @ 1122

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-22

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: 03/26/25 Start Purge: 1305 End Purge: 1325
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 7.71 7.74 7.74 (std.)
Ref. Measuring Pt. TIC SC 1520 1510 1510 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 13.40 13.36 13.36 (°C)
Water Level 103.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.28 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 51°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity: 0.83 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 103.45 - 2.45 = 101.00 (ft)
Levels were taken on 03/26/25 @ 1300

(Updated 10/23/2024)

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

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-205351-23

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: 03/26/25 Start Purge: 1426 End Purge: 1443
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.88

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 7.89 7.89 7.89 (std.)
Ref. Measuring Pt. TIC SC 1430 1430 1430 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 12.60 12.61 12.61 (°C)
Water Level 94.86 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.30 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 53°F, Cloudy, NW winds e 0-5 mph
Turbidity: 0.38 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.86 - 2.50 = 92.36 (ft.)
Levels were taken on 03/26/25 @ 1421

(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 4/25/2025 1:36:02 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR (RAD)

JOB NUMBER

500-265351-2

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

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

Job ID: 500-265351-2

Job ID: 500-265351-2

Eurofins Chicago

Job Narrative 500-265351-2

Receipt

The samples were received on 3/17/2025 4:00 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 -0.6° C, 0.1° C, 0.6° C, 0.8° C, 1.5° C, 1.6° C, 1.9° C and 3.5° C.

RAD

Method 904.0: Radium 228 Batch 709211

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. T01S (500-265351-6)

Methods 904.0, 9320: Radium-228 Prep Batch 160-709213

The detection goal was not met for the following sample due to the reduction of sample size required by the presence of matrix interferences (turbidity, yellow discoloration noted by the prep analyst): G33S (500-265351-9). Analytical results are reported with the detection limit achieved.

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

Eurofins Chicago

Method Summary

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

Job ID: 500-265351-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-265351-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-265351-1	T09S	Water	03/17/25 12:28	03/17/25 16:00
500-265351-2	T06S	Water	03/17/25 14:18	03/17/25 16:00
500-265351-3	T02S	Water	03/18/25 10:44	03/18/25 16:00
500-265351-4	T08S	Water	03/18/25 12:29	03/18/25 16:00
500-265351-5	T05S	Water	03/18/25 14:21	03/18/25 16:00
500-265351-6	T01S	Water	03/19/25 11:02	03/19/25 15:25
500-265351-7	T11S	Water	03/19/25 13:47	03/19/25 15:25
500-265351-8	G31S	Water	03/20/25 10:39	03/20/25 14:45
500-265351-9	G33S	Water	03/20/25 11:33	03/20/25 14:45
500-265351-10	T13S	Water	03/20/25 12:37	03/20/25 14:45
500-265351-11	T12S	Water	03/20/25 13:33	03/20/25 14:45
500-265351-12	G30S	Water	03/21/25 10:38	03/21/25 15:56
500-265351-13	G20S	Water	03/21/25 13:20	03/21/25 15:56
500-265351-14	R08S	Water	03/24/25 10:57	03/24/25 15:23
500-265351-15	G46S	Water	03/24/25 11:55	03/24/25 15:23
500-265351-16	T03S	Water	03/24/25 13:15	03/24/25 15:23
500-265351-17	R32S	Water	03/24/25 14:11	03/24/25 15:23
500-265351-18	G44S	Water	03/26/25 09:34	03/26/25 15:45
500-265351-19	G39S	Water	03/26/25 10:34	03/26/25 15:45
500-265351-20	G39S DUP	Water	03/26/25 10:34	03/26/25 15:45
500-265351-21	G45S	Water	03/26/25 11:38	03/26/25 15:45
500-265351-22	G48S	Water	03/26/25 13:25	03/26/25 15:45
500-265351-23	G47S	Water	03/26/25 14:43	03/26/25 15:45

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T09S

Lab Sample ID: 500-265351-1

Date Collected: 03/17/25 12:28

Matrix: Water

Date Received: 03/17/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.25		0.279	0.301	1.00	0.206	pCi/L	03/20/25 08:25	04/17/25 08:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					03/20/25 08:25	04/17/25 08:15	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	<0.618	U	0.372	0.373	1.00	0.618	pCi/L	03/20/25 08:29	04/15/25 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					03/20/25 08:29	04/15/25 12:19	1
Y Carrier	83.7		30 - 110					03/20/25 08:29	04/15/25 12:19	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	1.55		0.465	0.479	5.00	0.618	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T06S

Lab Sample ID: 500-265351-2

Date Collected: 03/17/25 14:18

Matrix: Water

Date Received: 03/17/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.10		0.255	0.274	1.00	0.189	pCi/L	03/20/25 08:25	04/17/25 08:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					03/20/25 08:25	04/17/25 08:15	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	<0.571	U	0.324	0.325	1.00	0.571	pCi/L	03/20/25 08:29	04/15/25 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					03/20/25 08:29	04/15/25 12:19	1
Y Carrier	86.7		30 - 110					03/20/25 08:29	04/15/25 12:19	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	1.21		0.412	0.425	5.00	0.571	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T02S

Lab Sample ID: 500-265351-3

Date Collected: 03/18/25 10:44

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.796		0.327	0.335	1.00	0.348	pCi/L	03/21/25 07:42	04/18/25 05:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					03/21/25 07:42	04/18/25 05:55	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	<0.673	U	0.421	0.423	1.00	0.673	pCi/L	03/21/25 07:46	04/17/25 14:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					03/21/25 07:46	04/17/25 14:33	1
Y Carrier	86.0		30 - 110					03/21/25 07:46	04/17/25 14:33	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	1.23		0.533	0.540	5.00	0.673	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T08S

Lab Sample ID: 500-265351-4

Date Collected: 03/18/25 12:29

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.450		0.232	0.235	1.00	0.271	pCi/L	03/21/25 07:42	04/18/25 05:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					03/21/25 07:42	04/18/25 05:55	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	<0.714	U	0.421	0.422	1.00	0.714	pCi/L	03/21/25 07:46	04/17/25 14:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					03/21/25 07:46	04/17/25 14:34	1
Y Carrier	77.4		30 - 110					03/21/25 07:46	04/17/25 14:34	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	0.723		0.481	0.483	5.00	0.714	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T05S

Lab Sample ID: 500-265351-5

Date Collected: 03/18/25 14:21

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.364		0.211	0.213	1.00	0.261	pCi/L	03/21/25 07:42	04/18/25 05:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					03/21/25 07:42	04/18/25 05:56	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	<0.723	U	0.448	0.450	1.00	0.723	pCi/L	03/21/25 07:46	04/17/25 14:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					03/21/25 07:46	04/17/25 14:34	1
Y Carrier	77.8		30 - 110					03/21/25 07:46	04/17/25 14:34	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	0.816		0.495	0.498	5.00	0.723	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T01S

Lab Sample ID: 500-265351-6

Date Collected: 03/19/25 11:02

Matrix: Water

Date Received: 03/19/25 15:25

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	1.26		0.467	0.480	1.00	0.500	pCi/L	03/25/25 08:58	04/21/25 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					03/25/25 08:58	04/21/25 09:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.18	G	0.960	0.981	1.00	1.30	pCi/L	03/25/25 09:01	04/19/25 12:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					03/25/25 09:01	04/19/25 12:12	1
Y Carrier	79.6		30 - 110					03/25/25 09:01	04/19/25 12:12	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	3.44		1.07	1.09	5.00	1.30	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T11S

Lab Sample ID: 500-265351-7

Date Collected: 03/19/25 13:47

Matrix: Water

Date Received: 03/19/25 15:25

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	<0.328	U	0.234	0.236	1.00	0.328	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.884		0.421	0.428	1.00	0.564	pCi/L	03/25/25 09:09	04/21/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					03/25/25 09:09	04/21/25 11:56	1
Y Carrier	82.2		30 - 110					03/25/25 09:09	04/21/25 11:56	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.20		0.482	0.489	5.00	0.564	pCi/L		04/22/25 15:10	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G31S

Lab Sample ID: 500-265351-8

Date Collected: 03/20/25 10:39

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.36		0.393	0.412	1.00	0.342	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.480	0.496	1.00	0.575	pCi/L	03/25/25 09:09	04/21/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					03/25/25 09:09	04/21/25 11:56	1
Y Carrier	80.7		30 - 110					03/25/25 09:09	04/21/25 11:56	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.73		0.620	0.645	5.00	0.575	pCi/L		04/22/25 15:10	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G33S

Lab Sample ID: 500-265351-9

Date Collected: 03/20/25 11:33

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.594	U	0.336	0.336	1.00	0.594	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	61.1		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.03	U G	0.581	0.582	1.00	1.03	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	61.1		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	79.3		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.03	U	0.671	0.672	5.00	1.03	pCi/L		04/22/25 15:10	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T13S

Lab Sample ID: 500-265351-10

Date Collected: 03/20/25 12:37

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.469		0.259	0.263	1.00	0.336	pCi/L	03/25/25 09:03	04/21/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/25/25 09:03	04/21/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.472	U	0.313	0.315	1.00	0.472	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	81.1		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.892		0.406	0.410	5.00	0.472	pCi/L		04/22/25 15:10	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T12S

Lab Sample ID: 500-265351-11

Date Collected: 03/20/25 13:33

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.908		0.356	0.365	1.00	0.403	pCi/L	03/25/25 09:03	04/21/25 18:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					03/25/25 09:03	04/21/25 18:16	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	0.755		0.400	0.406	1.00	0.556	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	80.7		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.66		0.535	0.546	5.00	0.556	pCi/L		04/22/25 15:10	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G30S

Lab Sample ID: 500-265351-12

Date Collected: 03/21/25 10:38

Matrix: Water

Date Received: 03/21/25 15:56

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	1.00		0.304	0.317	1.00	0.255	pCi/L	03/26/25 08:04	04/21/25 21:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/26/25 08:04	04/21/25 21:28	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	0.705		0.367	0.373	1.00	0.520	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	83.0		30 - 110					03/26/25 08:07	04/21/25 11:53	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	1.71		0.477	0.490	5.00	0.520	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G20S

Lab Sample ID: 500-265351-13

Date Collected: 03/21/25 13:20

Matrix: Water

Date Received: 03/21/25 15:56

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	1.09		0.332	0.346	1.00	0.302	pCi/L	03/26/25 08:04	04/21/25 21:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					03/26/25 08:04	04/21/25 21:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.17		0.414	0.428	1.00	0.504	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	82.6		30 - 110					03/26/25 08:07	04/21/25 11:53	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	2.26		0.531	0.550	5.00	0.504	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: R08S

Lab Sample ID: 500-265351-14

Date Collected: 03/24/25 10:57

Matrix: Water

Date Received: 03/24/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.656		0.316	0.321	1.00	0.410	pCi/L	03/26/25 08:04	04/21/25 21:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					03/26/25 08:04	04/21/25 21:46	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	0.817		0.405	0.412	1.00	0.561	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	81.5		30 - 110					03/26/25 08:07	04/21/25 11:53	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	1.47		0.514	0.522	5.00	0.561	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G46S

Lab Sample ID: 500-265351-15

Date Collected: 03/24/25 11:55

Matrix: Water

Date Received: 03/24/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.44		0.365	0.388	1.00	0.276	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					03/26/25 08:04	04/21/25 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	0.743		0.390	0.396	1.00	0.551	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	81.5		30 - 110					03/26/25 08:07	04/21/25 11:53	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	2.18		0.534	0.554	5.00	0.551	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: T03S

Lab Sample ID: 500-265351-16

Date Collected: 03/24/25 13:15

Matrix: Water

Date Received: 03/24/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.762		0.282	0.290	1.00	0.279	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/26/25 08:04	04/21/25 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	<0.501	U	0.339	0.342	1.00	0.501	pCi/L	03/26/25 08:07	04/21/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/26/25 08:07	04/21/25 11:54	1
Y Carrier	80.4		30 - 110					03/26/25 08:07	04/21/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.25		0.441	0.448	5.00	0.501	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: R32S

Lab Sample ID: 500-265351-17

Date Collected: 03/24/25 14:11

Matrix: Water

Date Received: 03/24/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.700		0.281	0.288	1.00	0.301	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					03/26/25 08:04	04/21/25 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	<0.515	U	0.346	0.349	1.00	0.515	pCi/L	03/26/25 08:07	04/21/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					03/26/25 08:07	04/21/25 11:54	1
Y Carrier	79.6		30 - 110					03/26/25 08:07	04/21/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.20		0.446	0.452	5.00	0.515	pCi/L		04/22/25 14:11	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G44S

Lab Sample ID: 500-265351-18

Date Collected: 03/26/25 09:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.457		0.251	0.255	1.00	0.321	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/31/25 07:39	04/23/25 21:51	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	<0.735	U	0.442	0.444	1.00	0.735	pCi/L	03/31/25 07:42	04/23/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/31/25 07:42	04/23/25 14:08	1
Y Carrier	74.4		30 - 110					03/31/25 07:42	04/23/25 14:08	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	0.806		0.508	0.512	5.00	0.735	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G39S

Lab Sample ID: 500-265351-19

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.385	U	0.265	0.268	1.00	0.385	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					03/31/25 07:39	04/23/25 21:51	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	<0.643	U	0.413	0.416	1.00	0.643	pCi/L	03/31/25 07:42	04/23/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					03/31/25 07:42	04/23/25 14:08	1
Y Carrier	73.6		30 - 110					03/31/25 07:42	04/23/25 14:08	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	0.885		0.491	0.495	5.00	0.643	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.452		0.246	0.250	1.00	0.315	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					03/31/25 07:39	04/23/25 21:51	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	<0.572	U	0.328	0.329	1.00	0.572	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	79.3		30 - 110					03/31/25 07:42	04/23/25 14:09	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	0.603		0.410	0.413	5.00	0.572	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.30		0.355	0.374	1.00	0.286	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/31/25 07:39	04/23/25 22:46	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	<0.597	U	0.367	0.369	1.00	0.597	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	74.4		30 - 110					03/31/25 07:42	04/23/25 14:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.64		0.511	0.525	5.00	0.597	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.03		0.336	0.348	1.00	0.322	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					03/31/25 07:39	04/23/25 22:46	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	<0.595	U	0.344	0.345	1.00	0.595	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	76.3		30 - 110					03/31/25 07:42	04/23/25 14:09	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	1.22		0.481	0.490	5.00	0.595	pCi/L		04/24/25 16:53	1

Client Sample Results

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

Job ID: 500-265351-2

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.546		0.277	0.281	1.00	0.355	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.8		30 - 110					03/31/25 07:39	04/23/25 22:46	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	<0.473	U	0.286	0.287	1.00	0.473	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.8		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	80.7		30 - 110					03/31/25 07:42	04/23/25 14:09	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	0.782		0.398	0.402	5.00	0.473	pCi/L		04/24/25 16:53	1

Definitions/Glossary

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

Job ID: 500-265351-2

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

QC Association Summary

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

Job ID: 500-265351-2

Rad

Prep Batch: 708650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	PrecSep-21	
500-265351-2	T06S	Total/NA	Water	PrecSep-21	
MB 160-708650/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-708650/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 708651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	PrecSep_0	
500-265351-2	T06S	Total/NA	Water	PrecSep_0	
MB 160-708651/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-708651/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 708739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	PrecSep-21	
500-265351-4	T08S	Total/NA	Water	PrecSep-21	
500-265351-5	T05S	Total/NA	Water	PrecSep-21	
MB 160-708739/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-708739/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 708741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	PrecSep_0	
500-265351-4	T08S	Total/NA	Water	PrecSep_0	
500-265351-5	T05S	Total/NA	Water	PrecSep_0	
MB 160-708741/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-708741/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	PrecSep-21	
MB 160-709210/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709210/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 709211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	PrecSep_0	
MB 160-709211/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709211/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-7	T11S	Total/NA	Water	PrecSep-21	
500-265351-8	G31S	Total/NA	Water	PrecSep-21	
500-265351-9	G33S	Total/NA	Water	PrecSep-21	
500-265351-10	T13S	Total/NA	Water	PrecSep-21	
500-265351-11	T12S	Total/NA	Water	PrecSep-21	
MB 160-709212/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709212/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

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QC Association Summary

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

Job ID: 500-265351-2

Rad

Prep Batch: 709213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-7	T11S	Total/NA	Water	PrecSep_0	
500-265351-8	G31S	Total/NA	Water	PrecSep_0	
500-265351-9	G33S	Total/NA	Water	PrecSep_0	
500-265351-10	T13S	Total/NA	Water	PrecSep_0	
500-265351-11	T12S	Total/NA	Water	PrecSep_0	
MB 160-709213/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709213/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	PrecSep-21	
500-265351-13	G20S	Total/NA	Water	PrecSep-21	
500-265351-14	R08S	Total/NA	Water	PrecSep-21	
500-265351-15	G46S	Total/NA	Water	PrecSep-21	
500-265351-16	T03S	Total/NA	Water	PrecSep-21	
500-265351-17	R32S	Total/NA	Water	PrecSep-21	
MB 160-709347/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709347/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 709351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	PrecSep_0	
500-265351-13	G20S	Total/NA	Water	PrecSep_0	
500-265351-14	R08S	Total/NA	Water	PrecSep_0	
500-265351-15	G46S	Total/NA	Water	PrecSep_0	
500-265351-16	T03S	Total/NA	Water	PrecSep_0	
500-265351-17	R32S	Total/NA	Water	PrecSep_0	
MB 160-709351/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709351/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	PrecSep-21	
500-265351-19	G39S	Total/NA	Water	PrecSep-21	
500-265351-20	G39S DUP	Total/NA	Water	PrecSep-21	
500-265351-21	G45S	Total/NA	Water	PrecSep-21	
500-265351-22	G48S	Total/NA	Water	PrecSep-21	
500-265351-23	G47S	Total/NA	Water	PrecSep-21	
MB 160-709943/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709943/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-265351-23 DU	G47S	Total/NA	Water	PrecSep-21	

Prep Batch: 709944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	PrecSep_0	
500-265351-19	G39S	Total/NA	Water	PrecSep_0	
500-265351-20	G39S DUP	Total/NA	Water	PrecSep_0	
500-265351-21	G45S	Total/NA	Water	PrecSep_0	
500-265351-22	G48S	Total/NA	Water	PrecSep_0	
500-265351-23	G47S	Total/NA	Water	PrecSep_0	
MB 160-709944/1-A	Method Blank	Total/NA	Water	PrecSep_0	

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QC Association Summary

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

Job ID: 500-265351-2

Rad (Continued)

Prep Batch: 709944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-709944/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-265351-23 DU	G47S	Total/NA	Water	PrecSep_0	

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

QC Sample Results

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

Job ID: 500-265351-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-708650/1-A

Matrix: Water

Analysis Batch: 712581

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 708650

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.342	U	0.184	0.184	1.00	0.342	pCi/L	03/20/25 08:25	04/15/25 19:45	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					03/20/25 08:25	04/15/25 19:45	1

Lab Sample ID: LCS 160-708650/2-A

Matrix: Water

Analysis Batch: 712581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 708650

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.101		1.21	1.00	0.329	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	90.9		30 - 110							

Lab Sample ID: MB 160-708739/1-A

Matrix: Water

Analysis Batch: 712862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 708739

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.292	U	0.118	0.118	1.00	0.292	pCi/L	03/21/25 07:42	04/17/25 21:39	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					03/21/25 07:42	04/17/25 21:39	1

Lab Sample ID: LCS 160-708739/2-A

Matrix: Water

Analysis Batch: 712862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 708739

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.146		1.11	1.00	0.295	pCi/L	85	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	92.2		30 - 110							

Lab Sample ID: MB 160-709210/1-A

Matrix: Water

Analysis Batch: 713556

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 709210

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.174	U	0.0825	0.0825	1.00	0.174	pCi/L	03/25/25 08:58	04/21/25 08:05	1

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QC Sample Results

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

Job ID: 500-265351-2

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

Lab Sample ID: MB 160-709210/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709210

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110	03/25/25 08:58	04/21/25 08:05	1

Lab Sample ID: LCS 160-709210/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709210

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.923		1.09	1.00	0.171	pCi/L	93	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.6		30 - 110

Lab Sample ID: MB 160-709212/1-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709212

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.382	U	0.201	0.201	1.00	0.382	pCi/L	03/25/25 09:03	04/21/25 18:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	106		30 - 110	03/25/25 09:03	04/21/25 18:03	1

Lab Sample ID: LCS 160-709212/2-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709212

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.353		1.25	1.00	0.307	pCi/L	98	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.3		30 - 110

Lab Sample ID: MB 160-709347/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709347

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.344	U	0.149	0.149	1.00	0.344	pCi/L	03/26/25 08:04	04/21/25 21:36	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110	03/26/25 08:04	04/21/25 21:36	1

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QC Sample Results

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

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709347/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709347

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.915		1.20	1.00	0.274	pCi/L	93	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							

Lab Sample ID: MB 160-709943/1-A
Matrix: Water
Analysis Batch: 713902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709943

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.302	U	0.182	0.183	1.00	0.302	pCi/L	03/31/25 07:39	04/23/25 21:50	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.6		30 - 110					03/31/25 07:39	04/23/25 21:50	1

Lab Sample ID: LCS 160-709943/2-A
Matrix: Water
Analysis Batch: 713902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709943

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.070		1.21	1.00	0.297	pCi/L	95	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							

Lab Sample ID: 500-265351-23 DU
Matrix: Water
Analysis Batch: 713901

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 709943

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.546		0.8872		0.357	1.00	0.394	pCi/L	0.53	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.9		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-708651/1-A
Matrix: Water
Analysis Batch: 712607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708651

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.576	U	0.319	0.319	1.00	0.576	pCi/L	03/20/25 08:29	04/15/25 12:23	1

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QC Sample Results

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

Job ID: 500-265351-2

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	03/20/25 08:29	04/15/25 12:23	1
Y Carrier	80.4		30 - 110	03/20/25 08:29	04/15/25 12:23	1

Lab Sample ID: LCS 160-708651/2-A
Matrix: Water
Analysis Batch: 712607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708651

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.54	10.31		1.40	1.00	0.538	pCi/L	108	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.9		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: MB 160-708741/1-A
Matrix: Water
Analysis Batch: 712862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708741

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.526	U	0.319	0.320	1.00	0.526	pCi/L	03/21/25 07:46	04/17/25 14:13	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	92.7		30 - 110
Y Carrier	83.0		30 - 110

Lab Sample ID: LCS 160-708741/2-A
Matrix: Water
Analysis Batch: 712862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708741

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.53	9.786		1.32	1.00	0.513	pCi/L	103	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	92.2		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: MB 160-709211/1-A
Matrix: Water
Analysis Batch: 713336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709211

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.590	U	0.289	0.290	1.00	0.590	pCi/L	03/25/25 09:01	04/19/25 12:18	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	90.0		30 - 110
Y Carrier	78.1		30 - 110

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QC Sample Results

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

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709211/2-A
Matrix: Water
Analysis Batch: 713336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709211

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	10.15		1.37	1.00	0.601	pCi/L	107	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							
Y Carrier	82.2		30 - 110							

Lab Sample ID: MB 160-709213/1-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709213

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.478	U	0.271	0.271	1.00	0.478	pCi/L	03/25/25 09:09	04/21/25 11:56	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	106		30 - 110							
Y Carrier	79.3		30 - 110							
								Prepared	Analyzed	Dil Fac
								03/25/25 09:09	04/21/25 11:56	1
								03/25/25 09:09	04/21/25 11:56	1

Lab Sample ID: LCS 160-709213/2-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709213

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	9.805		1.35	1.00	0.526	pCi/L	103	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.3		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: MB 160-709351/1-A
Matrix: Water
Analysis Batch: 713557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709351

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.558	U	0.313	0.313	1.00	0.558	pCi/L	03/26/25 08:07	04/21/25 11:53	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	93.6		30 - 110							
Y Carrier	83.7		30 - 110							
								Prepared	Analyzed	Dil Fac
								03/26/25 08:07	04/21/25 11:53	1
								03/26/25 08:07	04/21/25 11:53	1

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QC Sample Results

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

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709351/2-A
Matrix: Water
Analysis Batch: 713557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709351

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	9.724		1.34	1.00	0.548	pCi/L	102	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							
Y Carrier	81.9		30 - 110							

Lab Sample ID: MB 160-709944/1-A
Matrix: Water
Analysis Batch: 713893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709944

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.588	U	0.320	0.320	1.00	0.588	pCi/L	03/31/25 07:42	04/23/25 14:08	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.6		30 - 110					03/31/25 07:42	04/23/25 14:08	1
Y Carrier	80.0		30 - 110					03/31/25 07:42	04/23/25 14:08	1

Lab Sample ID: LCS 160-709944/2-A
Matrix: Water
Analysis Batch: 713893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709944

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.51	11.79		1.55	1.00	0.600	pCi/L	124	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: 500-265351-23 DU
Matrix: Water
Analysis Batch: 713893

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 709944

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	<0.473	U	<0.612	U	0.333	1.00	0.612	pCi/L	0.27	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.9		30 - 110							
Y Carrier	75.1		30 - 110							

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Greg</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-135040-50642 3																					
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin:		Page																					
Company: Midwest Generation EME LLC		PWSID:		Analysis Requested						Job #: <i>500-265351</i>																			
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E Total Number of containers						Preservation Codes D - HNO3 N - None																			
City: Joliet		TAT Requested (days)								Other:																			
State/Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No																											
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/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPD - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E		Total Number of containers		Special Instructions/Note:			
T118 <i>T095</i>		<i>02/17/25</i>		<i>1228</i>				Water		☒		☒		☒		☒		☒		☒		☒		☒		<i>5</i>			
T095 <i>T065</i>		<i>03/17/25</i>		<i>1418</i>				Water		☒		☒		☒		☒		☒		☒		☒		☒		<i>5</i>			
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Environment Testing

Ver 10/10/2024 4/25/2025

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Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-135040-50842 3																	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page																	
Company: Midwest Generation EME LLC				PWSID		Job #: <i>500-265351</i>																			
Address: 1800 Channahon Road		Due Date Requested		Analysis Requested						Preservation Codes D - HNO3 N - None															
City: Joliet		TAT Requested (days)								D - HNO3															
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No								N - None															
Phone		PO #: 4502187984																							
Email: james.thorne@nrg.com		WO #:																							
Project Name: Joliet #9 CCR		Project #: 50011504		Total Number of Containers						500 265351 COC															
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)		Field Filtered Sample (Yes or No)		Percent MS/MS (Yes or No)		903.0 - Standard Target List		Ra226Ra228 - GPPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Other:	

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Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-135040-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin:		Page: 1 of 8	
Company: Midwest Generation EME LLC		PWSID		Analysis Requested		Job #: <i>500-265351</i>		Preservation Codes	
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 - GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F, C, SM4500, Cl_E, SM4500, SO4_E		Total Number of containers		Other:	
City: Joliet		TAT Requested (days)				Preservation Codes			
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No				D HNO3			
Phone		PO #: 4502187984				N None			
Email: james.thorne@nrg.com		WO #: 50011504							
Project Name: Joliet #9 CCR		SSOW#:							
Site: Illinois									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
						Preservation Code			
<i>14</i> R08S		<i>03/24/25</i> <i>1057</i>		<i>Water</i>		<i>D</i>		<i>5</i>	
<i>15</i> G20S		<i>03/24/25</i> <i>1155</i>		<i>Water</i>		<i>D</i>		<i>5</i>	
<i>16</i> R02S		<i>03/24/25</i> <i>1315</i>		<i>Water</i>		<i>D</i>		<i>5</i>	
<i>17</i> G44S		<i>03/24/25</i> <i>1411</i>		<i>Water</i>		<i>D</i>		<i>5</i>	
G45S				<i>Water</i>					
G46S				<i>Water</i>					
G47S				<i>Water</i>					
G48S				<i>Water</i>					
T03S				<i>Water</i>					
G30S				<i>Water</i>					
DUP				<i>Water</i>					
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements			
Empty Kit Relinquished by		Date		Time		Method of Shipment:			
Relinquished by: <i>92</i>		Date/Time: <i>03/24/25 1523</i>		Company: <i>FEETA</i>		Received by: <i>Shirley</i>		Date/Time: <i>3/24/25 1523</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>0.4 → 20.1</i>					

Eurofins Chicago

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Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-135040-50642 2	
Client Contact: James Thorne		Phone		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin		Page: 2 of 3	
Company: Midwest Generation EME LLC		PWSID		Analysis:  500-265351 COC		Job #: <i>500-265351</i>		Preservation Codes: D - HNO3, N - None	
Address: 1800 Channahon Road		Due Date Requested		TAT Requested (days)		Compliance Project: ☐ Yes ☐ No		PO #: 4502187984	
City: Joliet		State, Zip: IL, 60436		Phone:		Email: james.thorne@nrg.com		Project Name: Joliet #9 CCR	
Site: Illinois		Project #: 50011504		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
Preservation Code:		D		D		D		D	
G34S		03/26/25		0934		Water		/ / / / /	
G33S		03/26/25		1034		Water		/ / / / /	
TO1S DUPE of G39S		03/26/25		1034		Water		/ / / / /	
TO2S G45S		03/26/25		1138		Water		/ / / / /	
TO4S G48S		03/26/25		1325		Water		/ / / / /	
TO5S G47S		03/26/25		1443		Water		/ / / / /	
TO6S						Water			
TO8S						Water			
TO9S						Water			
T12S						Water			
T13S						Water			
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client		Disposal By Lab		Archive For Months	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
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: 03/26/25 1545		Company: <i>EETA</i>		Received by: <i>Hughan Heman</i>		Date/Time: 3/26/25 1545	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 1.8-1.5, 3.6-3.5					



Client Information (Sub Contract Lab)			Sampler: N/A		Lab PM: Mockler, Diana J		Carrier Tracking No(s): N/A		COC No: 500-199262.1	
Client Contact: Shipping/Receiving			Phone: N/A		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin: Illinois		Page: 1 of 1	
Company: TestAmerica Laboratories, Inc.			Address: 13745 Rider Trail North, Earth City, MO, 63045		City: Earth City		State: MO		Zip: 63045	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)			PO #: N/A		N/A		TAT Requested (days): N/A		Job #: 500-265351-2	
Email: N/A			WO #: N/A		Project #: 50011504		Project Name: Joliet #9 (Quarry) CCR (RAD)		Preservation Codes: NELAP - Illinois	
Site: NNRG Midwest Generation LSQ Joliet #9 CCR			SSOW#: N/A		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification - Client ID (Lab ID)			Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, Overstabil, BT-Tissue, AAR)	
T09S (500-265351-1)			3/17/25		12:28 Central		G		Water	
T06S (500-265351-2)			3/17/25		14:18 Central		G		Water	
Special Instructions/Note:			Total Number of containers		Perform MS/MSD (Yes or No)		Field Filtered Sample (Yes or No)		903.0/PreSep_21 Standard Target List	
Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.			3		X		X		904.0/PreSep_0 Standard Target List	
Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.			3		X		X		Ra226Ra228_GFPc	
Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.										
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.										
Possible Hazard Identification			Unconfirmed		Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		Return To Client	
Relinquished by:			Date/Time:		Date/Time:		Company:		Received by:	
Relinquished by:			Date/Time:		Date/Time:		Company:		Received by:	
Relinquished by:			Date/Time:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes A No			Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Date/Time:		Company:	

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Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

[illegible]

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Tinley Park, IL 60487
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Chain of Custody Record



Environment Testing

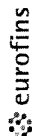
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Tinlev Park. IL 60487

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Chain of Custody Record



Environment Testing

[illegible]



Client Information (Sub Contract Lab)						Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact:						N/A	Mockler, Diana J	N/A	500-199436.1
Shipping/Receiving						Phone:	E-Mail:	State of Origin:	Page:
						N/A	Diana Mockler@et.eurofinsus.com	Illinois	Page 1 of 1
Company:						Accreditations Required (See note):			
TestAmerica Laboratories, Inc.						NELAP - Illinois			
Address:						Due Date Requested:			
13715 Rider Trail North,						4/21/2025			
City:						TAT Requested (days):			
Earth City						N/A			
State Zip:						PO #:			
MO, 63045						N/A			
Phone:						WO #:			
314-298-8566(Tel) 314-298-8757(Fax)						N/A			
Email:						Project #:			
Joliet #9 (Quarry) CCR (RAD)						50011504			
Site:						SSOW#:			
NRG Midwest Generation LSQ Joliet #9 CCR						N/A			
Sample Identification - Client ID (Lab ID)									
Sample ID	Sample Name	Sample Type	Sample Matrix	Sample Time	Sample Date	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List
G44S (500-265351-18)		Central	Water	09:34	3/26/25	X	X	X	X
G39S (500-265351-19)		Central	Water	10:34	3/26/25	X	X	X	X
G39S DUP (500-265351-20)		Central	Water	10:34	3/26/25	X	X	X	X
G45S (500-265351-21)		Central	Water	11:38	3/26/25	X	X	X	X
G48S (500-265351-22)		Central	Water	13:25	3/26/25	X	X	X	X
G47S (500-265351-23)		Central	Water	14:43	3/26/25	X	X	X	X
Total Number of containers									
Special Instructions/Note:									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Batch QC must be performed (dup, spikes, etc) - no NCMS concerning limited volume;									
Other: N/A									
Preservation Codes:									
500-265351-2									
Analysis Requested									
Method of Shipment:									
Return To Client ☐ Disposal By Lab ☐									
Special Instructions/QC Requirements:									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Empty Kit Relinquished by:									
Relinquished by:									
Relinquished by:									
Relinquished by:									
Custody Seals Intact:									
Cooler Temperature(s) °C and Other Remarks:									

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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	1.9,1.6,0.8,0.6,-0.6,1.5,3.5 Samples not frozen,0.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/19/25 12:31 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/20/25 11:37 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/21/25 12:14 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/24/25 12:03 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 6

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 03/25/25 09:52 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.

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 7

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 03/28/25 11:49 AM

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: T09S

Date Collected: 03/17/25 12:28

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708650	OGC	EET SL	03/20/25 08:25
Total/NA	Analysis	903.0		1	712876	SWS	EET SL	04/17/25 08:15
Total/NA	Prep	PrecSep_0			708651	OGC	EET SL	03/20/25 08:29
Total/NA	Analysis	904.0		1	712581	CMM	EET SL	04/15/25 12:19
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T06S

Date Collected: 03/17/25 14:18

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708650	OGC	EET SL	03/20/25 08:25
Total/NA	Analysis	903.0		1	712876	SWS	EET SL	04/17/25 08:15
Total/NA	Prep	PrecSep_0			708651	OGC	EET SL	03/20/25 08:29
Total/NA	Analysis	904.0		1	712581	CMM	EET SL	04/15/25 12:19
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T02S

Date Collected: 03/18/25 10:44

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:55
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:33
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T08S

Date Collected: 03/18/25 12:29

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:55
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:34
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: T05S

Date Collected: 03/18/25 14:21

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:56
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:34
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T01S

Date Collected: 03/19/25 11:02

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709210	OGC	EET SL	03/25/25 08:58
Total/NA	Analysis	903.0		1	713556	SWS	EET SL	04/21/25 09:52
Total/NA	Prep	PrecSep_0			709211	OGC	EET SL	03/25/25 09:01
Total/NA	Analysis	904.0		1	713226	SWS	EET SL	04/19/25 12:12
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T11S

Date Collected: 03/19/25 13:47

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: G31S

Date Collected: 03/20/25 10:39

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: G33S

Date Collected: 03/20/25 11:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: T13S

Date Collected: 03/20/25 12:37

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:06
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: T12S

Date Collected: 03/20/25 13:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713556	SWS	EET SL	04/21/25 18:16
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: G30S

Date Collected: 03/21/25 10:38

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:28
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: G20S

Date Collected: 03/21/25 13:20

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:28
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: R08S

Date Collected: 03/24/25 10:57

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:46
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: G46S

Date Collected: 03/24/25 11:55

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: T03S

Date Collected: 03/24/25 13:15

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: G44S

Date Collected: 03/26/25 09:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:08
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G39S

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:08
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G39S DUP

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Lab Chronicle

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

Job ID: 500-265351-2

Client Sample ID: G45S

Date Collected: 03/26/25 11:38

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G48S

Date Collected: 03/26/25 13:25

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G47S

Date Collected: 03/26/25 14:43

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

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 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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	05-06-25
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25
Connecticut	State	PH-0241	03-31-25 *
Florida	NELAP	E87689	06-30-25
HI - RadChem Recognition	State	n/a	06-30-25
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-25
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-25
MI - RadChem Recognition	State	9005	06-30-25
Missouri	State	780	06-30-25
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-25
New Mexico	State	MO00054	06-30-25
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	07-31-25
North Dakota	State	R-207	06-30-25
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-25
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

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

Eurofins Chicago

Tracer/Carrier Summary

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

Job ID: 500-265351-2

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)	
500-265351-1	T09S	89.1	
500-265351-2	T06S	93.5	
500-265351-3	T02S	90.5	
500-265351-4	T08S	80.2	
500-265351-5	T05S	81.7	
500-265351-6	T01S	78.2	
500-265351-7	T11S	78.7	
500-265351-8	G31S	83.1	
500-265351-9	G33S	61.1	
500-265351-10	T13S	93.9	
500-265351-11	T12S	85.8	
500-265351-12	G30S	97.1	
500-265351-13	G20S	92.2	
500-265351-14	R08S	88.8	
500-265351-15	G46S	91.4	
500-265351-16	T03S	89.0	
500-265351-17	R32S	89.5	
500-265351-18	G44S	89.0	
500-265351-19	G39S	87.8	
500-265351-20	G39S DUP	95.4	
500-265351-21	G45S	93.9	
500-265351-22	G48S	90.0	
500-265351-23	G47S	97.8	
500-265351-23 DU	G47S	82.9	
LCS 160-708650/2-A	Lab Control Sample	90.9	
LCS 160-708739/2-A	Lab Control Sample	92.2	
LCS 160-709210/2-A	Lab Control Sample	84.6	
LCS 160-709212/2-A	Lab Control Sample	87.3	
LCS 160-709347/2-A	Lab Control Sample	84.6	
LCS 160-709943/2-A	Lab Control Sample	87.8	
MB 160-708650/1-A	Method Blank	89.6	
MB 160-708739/1-A	Method Blank	92.7	
MB 160-709210/1-A	Method Blank	90.0	
MB 160-709212/1-A	Method Blank	106	
MB 160-709347/1-A	Method Blank	93.6	
MB 160-709943/1-A	Method Blank	94.6	

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-265351-1	T09S	89.1	83.7
500-265351-2	T06S	93.5	86.7
500-265351-3	T02S	90.5	86.0
500-265351-4	T08S	80.2	77.4

Eurofins Chicago

Tracer/Carrier Summary

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

Job ID: 500-265351-2

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-265351-5	T05S	81.7	77.8
500-265351-6	T01S	78.2	79.6
500-265351-7	T11S	78.7	82.2
500-265351-8	G31S	83.1	80.7
500-265351-9	G33S	61.1	79.3
500-265351-10	T13S	93.9	81.1
500-265351-11	T12S	85.8	80.7
500-265351-12	G30S	97.1	83.0
500-265351-13	G20S	92.2	82.6
500-265351-14	R08S	88.8	81.5
500-265351-15	G46S	91.4	81.5
500-265351-16	T03S	89.0	80.4
500-265351-17	R32S	89.5	79.6
500-265351-18	G44S	89.0	74.4
500-265351-19	G39S	87.8	73.6
500-265351-20	G39S DUP	95.4	79.3
500-265351-21	G45S	93.9	74.4
500-265351-22	G48S	90.0	76.3
500-265351-23	G47S	97.8	80.7
500-265351-23 DU	G47S	82.9	75.1
LCS 160-708651/2-A	Lab Control Sample	90.9	80.0
LCS 160-708741/2-A	Lab Control Sample	92.2	83.4
LCS 160-709211/2-A	Lab Control Sample	84.6	82.2
LCS 160-709213/2-A	Lab Control Sample	87.3	80.7
LCS 160-709351/2-A	Lab Control Sample	84.6	81.9
LCS 160-709944/2-A	Lab Control Sample	87.8	80.7
MB 160-708651/1-A	Method Blank	89.6	80.4
MB 160-708741/1-A	Method Blank	92.7	83.0
MB 160-709211/1-A	Method Blank	90.0	78.1
MB 160-709213/1-A	Method Blank	106	79.3
MB 160-709351/1-A	Method Blank	93.6	83.7
MB 160-709944/1-A	Method Blank	94.6	80.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier