

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 4th quarter 2024 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	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	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	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	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	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	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	
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	
	8/25/2016	1.1	110	99	0.20	7.32	180	880	< 0.003	< 0.001	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.043	1.54	< 0.0025	< 0.002	
	11/17/2016	1.3	120	100	0.19	7.14	150																

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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	< 0.01	< 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	800	< 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
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	< 0.005	< 0.001	< 0.0005	0.039	< 0.0002	0.017	3.67	< 0.0025	< 0.002
	11/17/2016	1.3	59	11	0.74	7.44	55	420	< 0.003	< 0.001	0.056	< 0.001	< 0.0005	< 0.005	0.0018	< 0.0005	0.042	< 0.0002	0.019	1.98	< 0.0025	< 0.002
	2/13/2017	1.2	54	13	0.69	7.30	93	400	< 0.003	< 0.001	0.046	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	0.04	< 0.0002	0.018	2.44	< 0.0025	< 0.002
	5/24/2017	1.3	55	12	0.81	7.45	66	430	< 0.003	< 0.001	0.046	^ < 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	0.038	< 0.0002	0.017	2.15	< 0.0025	< 0.002
	7/5/2017	1.3	61	12	0.76	7.37	70	400	< 0.003	< 0.001	0.054	< 0.001	< 0.0005	< 0.005	0.0021	^ < 0.0005	0.04	< 0.0002	0.019	1.83	< 0.0025	^ < 0.002
	9/25/2017	1.3	60	12	0.78	7.30	76	440	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	0.0015	< 0.0005	0.036	< 0.0002	0.022	2.19	< 0.0025	< 0.002
	11/20/2017	1.3	59	13	0.78	7.06	85	390	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	0.0022	< 0.0005	0.041	< 0.0002	0.021	2.50	< 0.0025	< 0.002
	3/6/2018	1.4	63	12	0.76	7.32	88	460	< 0.003	< 0.001	0.049	^ < 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	0.042	< 0.0002	0.021	2.83	< 0.0025	< 0.002
	5/16/2018	1.2	61	12	0.75	7.06	87	410	NA	< 0.001	0.049	NA	NA	NA	0.0024	^ < 0.0005	0.04	NA	0.019	2.12	< 0.0025	NA
	12/7/2018	1.2	58	12	0.76	7.41	65	480	NA	< 0.001	0.048	NA	NA	NA	0.0010	0.0048	0.042	NA	0.0230	2.26	< 0.0025	NA
	6/18/2019	1.3	62	13	0.75	7.18	65	440	NA	< 0.001	0.051	NA	NA	NA	0.0018	< 0.0005	0.041	NA	0.017	2.11	< 0.0025	NA
	11/5/2019	1.2	58	13	0.74	7.88	71	410	NA	< 0.010	0.050	NA	NA	NA	0.0023	< 0.0005	0.044	NA	0.021	1.74	< 0.0100	NA
	6/24/2020	1.3	58	13	0.79	7.81	63	360	NA	< 0.010	0.045	NA	NA	NA	< 0.001	< 0.0005	0.038	NA	0.019	2.07	< 0.0025	NA
	12/11/2020	1.4	61	14	0.89	7.41	69	390	NA	< 0.001	0.043	NA	NA	NA	< 0.001	^+ < 0.0005	0.042	NA	0.022	2.16	< 0.0025	NA
	6/23/2021	1.3	60	14	0.77	7.46	70	390	< 0.003	< 0.001	0.047	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.047	H < 0.0002	0.022	2.06	< 0.0025	< 0.00

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
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
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	< 0.003	0.0014	0.043	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.056	< 0.0002	0.48	2.39	< 0.0025	< 0.002
	11/18/2016	3.3	120	99	0.34	7.38	270	830	< 0.003	0.0016	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005						

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
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
	8/26/2016	7.2	100	120	0.35	7.48	350	1000	< 0.003	0.0027	0.054	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.12	< 0.0002	1.2	1.17	< 0.0025	< 0.002
	11/18/2016	6.5	110	120	0.39	7.56	330	1000	< 0.003	0.0025	0.051	&										

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	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	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	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	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	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	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	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	
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	< 0.001	< 0.0005	0.012	< 0.0002	1.1	1.16	< 0.0025	< 0.002	
	11/16/2016	9.8	10	110	1.4	9.61	340	1100	< 0.003	0.03	0.018	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.00					

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

Well ID	Date	Turbidity (NTU)
G45S	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
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
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
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
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

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
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
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
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
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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2024 2:44:51 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR 4Q24

JOB NUMBER

500-260496-1

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 4Q24

Job ID: 500-260496-1

Job ID: 500-260496-1

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Job Narrative 500-260496-1

Receipt

The samples were received on 11/20/2024 2:44 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 1.4° C, 2.1° C, 2.3° C, 2.7° C, 3.0° C, 3.3° C, 3.3° C and 3.8° C.

Metals

Methods 200.8, 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: R08S (500-260496-2), G47S (500-260496-5), G48S (500-260496-6), G46S (500-260496-9) and T12S (500-260496-10). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: R32S (500-260496-14), T08S (500-260496-16), T01S (500-260496-21) and T05S (500-260496-23). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
300.0	Anions, Ion Chromatography	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
Field Sampling	Field Sampling	EPA	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-260496-1	G20S	GW	11/20/24 10:31	11/20/24 14:44
500-260496-2	R08S	GW	11/20/24 13:23	11/20/24 14:44
500-260496-3	G31S	Water	11/21/24 10:11	11/21/24 13:05
500-260496-4	G33S	Water	11/21/24 11:31	11/21/24 13:05
500-260496-5	G47S	Water	11/22/24 11:08	11/22/24 15:12
500-260496-6	G48S	Water	11/22/24 12:20	11/22/24 15:12
500-260496-7	T13S	Water	11/22/24 14:00	11/22/24 15:12
500-260496-8	G30S	GW	11/25/24 10:28	11/25/24 15:06
500-260496-9	G46S	GW	11/25/24 13:04	11/25/24 15:06
500-260496-10	T12S	Water	11/25/24 13:58	11/25/24 15:06
500-260496-11	G39S	Water	11/26/24 10:28	11/26/24 15:10
500-260496-12	G44S	Water	11/26/24 11:20	11/26/24 15:10
500-260496-13	G45S	Water	11/26/24 12:56	11/26/24 15:10
500-260496-14	R32S	Water	11/26/24 13:54	11/26/24 15:10
500-260496-15	T02S	Water	11/27/24 10:14	11/27/24 15:47
500-260496-16	T08S	Water	11/27/24 12:34	11/27/24 15:47
500-260496-17	T03S	Water	11/27/24 14:14	11/27/24 15:47
500-260496-18	T03S DUP	Water	11/27/24 14:14	11/27/24 15:47
500-260496-19	T09S	Water	12/03/24 11:43	12/03/24 15:10
500-260496-20	T06S	Water	12/03/24 13:28	12/03/24 15:10
500-260496-21	T01S	Water	12/04/24 10:26	12/04/24 15:55
500-260496-22	T11S	Water	12/04/24 12:35	12/04/24 15:55
500-260496-23	T05S	Water	12/04/24 14:12	12/04/24 15:55

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G20S

Lab Sample ID: 500-260496-1

Date Collected: 11/20/24 10:31

Matrix: GW

Date Received: 11/20/24 14:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:39	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:56	1
Barium	0.045		0.0025		mg/L		12/05/24 22:15	12/06/24 19:56	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:56	1
Boron	1.1		0.050		mg/L		12/05/24 22:15	12/09/24 13:39	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:56	1
Calcium	58		0.20		mg/L		12/05/24 22:15	12/06/24 19:56	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:56	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:56	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:56	1
Lithium	0.039		0.010		mg/L		12/05/24 22:15	12/06/24 19:56	1
Molybdenum	0.017		0.0050		mg/L		12/05/24 22:15	12/06/24 19:56	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:56	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	14		10		mg/L			12/11/24 15:58	10
Sulfate (EPA 300.0)	59		10		mg/L			12/11/24 15:58	10
Total Dissolved Solids (SM 2540C)	430		10		mg/L			11/26/24 03:24	1
Fluoride (SM 4500 F C)	0.77		0.10		mg/L			12/03/24 15:53	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	57.84				ft			11/20/24 10:31	1
Depth to Water (ft from MP)	60.62				ft			11/20/24 10:31	1
Elevation of well (ft from MP)	580.79				ft			11/20/24 10:31	1
Field pH	7.51				SU			11/20/24 10:31	1
Field Temperature	59.5				Degrees F			11/20/24 10:31	1
Ground Water Elevation	520.17				ft			11/20/24 10:31	1
Specific Conductance	710				umhos/cm			11/20/24 10:31	1
Well bottom elevation	442.28				ft			11/20/24 10:31	1
Field Turbidity	0.77				NTU			11/20/24 10:31	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: R08S

Lab Sample ID: 500-260496-2

Date Collected: 11/20/24 13:23

Matrix: GW

Date Received: 11/20/24 14:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.015		0.015		mg/L		12/05/24 22:15	12/09/24 13:42	5
Arsenic	0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:03	1
Barium	0.039		0.0025		mg/L		12/05/24 22:15	12/06/24 20:03	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:03	1
Boron	8.0		0.25		mg/L		12/05/24 22:15	12/09/24 13:42	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:03	1
Calcium	140		0.20		mg/L		12/05/24 22:15	12/06/24 20:03	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:03	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:03	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:03	1
Lithium	0.15		0.010		mg/L		12/05/24 22:15	12/06/24 20:03	1
Molybdenum	0.33		0.0050		mg/L		12/05/24 22:15	12/06/24 20:03	1
Selenium	0.0049		0.0025		mg/L		12/05/24 22:15	12/06/24 20:03	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	67		20		mg/L			12/11/24 16:14	20
Sulfate (EPA 300.0)	380		20		mg/L			12/11/24 16:14	20
Total Dissolved Solids (SM 2540C)	800		10		mg/L			11/26/24 03:31	1
Fluoride (SM 4500 F C)	0.11		0.10		mg/L			12/03/24 15:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	70.75				ft			11/20/24 13:23	1
Depth to Water (ft from MP)	73.30				ft			11/20/24 13:23	1
Elevation of well (ft from MP)	578.64				ft			11/20/24 13:23	1
Field pH	7.86				SU			11/20/24 13:23	1
Field Temperature	54.5				Degrees F			11/20/24 13:23	1
Ground Water Elevation	505.34				ft			11/20/24 13:23	1
Specific Conductance	1070				umhos/cm			11/20/24 13:23	1
Well bottom elevation	453.08				ft			11/20/24 13:23	1
Field Turbidity	0.41				NTU			11/20/24 13:23	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G31S

Lab Sample ID: 500-260496-3

Date Collected: 11/21/24 10:11

Matrix: Water

Date Received: 11/21/24 13:05

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		12/05/24 22:15	12/09/24 13:44	1
Arsenic	0.0025		0.0010		mg/L		12/05/24 22:15	12/06/24 20:06	1
Barium	0.040		0.0025		mg/L		12/05/24 22:15	12/06/24 20:06	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:06	1
Boron	3.1		0.050		mg/L		12/05/24 22:15	12/09/24 13:44	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:06	1
Calcium	150		0.20		mg/L		12/05/24 22:15	12/06/24 20:06	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:06	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:06	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:06	1
Lithium	0.084		0.010		mg/L		12/05/24 22:15	12/06/24 20:06	1
Molybdenum	0.50		0.0050		mg/L		12/05/24 22:15	12/06/24 20:06	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:06	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	180		20		mg/L			12/11/24 16:30	20
Sulfate (EPA 300.0)	360		20		mg/L			12/11/24 16:30	20
Total Dissolved Solids (SM 2540C)	1200		10		mg/L			11/26/24 03:37	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			12/03/24 16:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	28.17				ft			11/21/24 10:11	1
Depth to Water (ft from MP)	30.75				ft			11/21/24 10:11	1
Elevation of well (ft from MP)	535.67				ft			11/21/24 10:11	1
Field pH	7.24				SU			11/21/24 10:11	1
Field Temperature	54.3				Degrees F			11/21/24 10:11	1
Ground Water Elevation	504.92				ft			11/21/24 10:11	1
Specific Conductance	1740				umhos/cm			11/21/24 10:11	1
Well bottom elevation	453.36				ft			11/21/24 10:11	1
Field Turbidity	0.62				NTU			11/21/24 10:11	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G33S

Lab Sample ID: 500-260496-4

Date Collected: 11/21/24 11:31

Matrix: Water

Date Received: 11/21/24 13:05

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		12/05/24 22:15	12/09/24 13:47	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:08	1
Barium	0.048		0.0025		mg/L		12/05/24 22:15	12/06/24 20:08	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:08	1
Boron	0.81		0.050		mg/L		12/05/24 22:15	12/09/24 13:47	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:08	1
Calcium	57		0.20		mg/L		12/05/24 22:15	12/06/24 20:08	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:08	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:08	1
Lead	0.0015		0.00050		mg/L		12/05/24 22:15	12/06/24 20:08	1
Lithium	0.034		0.010		mg/L		12/05/24 22:15	12/06/24 20:08	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:08	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:08	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	11		5.0		mg/L			12/11/24 16:45	5
Sulfate (EPA 300.0)	72		5.0		mg/L			12/11/24 16:45	5
Total Dissolved Solids (SM 2540C)	390		10		mg/L			11/26/24 03:39	1
Fluoride (SM 4500 F C)	0.54		0.10		mg/L			12/03/24 16:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	32.98				ft			11/21/24 11:31	1
Depth to Water (ft from MP)	34.71				ft			11/21/24 11:31	1
Elevation of well (ft from MP)	535.67				ft			11/21/24 11:31	1
Field pH	7.50				SU			11/21/24 11:31	1
Field Temperature	51.4				Degrees F			11/21/24 11:31	1
Ground Water Elevation	500.96				ft			11/21/24 11:31	1
Specific Conductance	737				umhos/cm			11/21/24 11:31	1
Well bottom elevation	452.72				ft			11/21/24 11:31	1
Field Turbidity	83.90				NTU			11/21/24 11:31	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G47S

Lab Sample ID: 500-260496-5

Date Collected: 11/22/24 11:08

Matrix: Water

Date Received: 11/22/24 15:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.015		0.015		mg/L		12/05/24 22:15	12/09/24 13:49	5
Arsenic	0.026		0.0010		mg/L		12/05/24 22:15	12/06/24 20:11	1
Barium	0.013		0.0025		mg/L		12/05/24 22:15	12/06/24 20:11	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:11	1
Boron	5.6		0.25		mg/L		12/05/24 22:15	12/09/24 13:49	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:11	1
Calcium	12		0.20		mg/L		12/05/24 22:15	12/06/24 20:11	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:11	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:11	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:11	1
Lithium	0.058		0.010		mg/L		12/05/24 22:15	12/06/24 20:11	1
Molybdenum	0.48		0.0050		mg/L		12/05/24 22:15	12/06/24 20:11	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:11	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	83		20		mg/L			12/11/24 17:01	20
Sulfate (EPA 300.0)	430		20		mg/L			12/11/24 17:01	20
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			11/26/24 03:42	1
Fluoride (SM 4500 F C)	0.54		0.10		mg/L			12/03/24 16:14	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.49				ft			11/22/24 11:08	1
Depth to Water (ft from MP)	94.99				ft			11/22/24 11:08	1
Elevation of well (ft from MP)	612.16				ft			11/22/24 11:08	1
Field pH	8.44				SU			11/22/24 11:08	1
Field Temperature	52.5				Degrees F			11/22/24 11:08	1
Ground Water Elevation	517.17				ft			11/22/24 11:08	1
Specific Conductance	1600				umhos/cm			11/22/24 11:08	1
Well bottom elevation	459.84				ft			11/22/24 11:08	1
Field Turbidity	0.77				NTU			11/22/24 11:08	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G48S

Lab Sample ID: 500-260496-6

Date Collected: 11/22/24 12:20

Matrix: Water

Date Received: 11/22/24 15:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.015		0.015		mg/L		12/05/24 22:15	12/09/24 13:52	5
Arsenic	0.0074		0.0010		mg/L		12/05/24 22:15	12/06/24 20:14	1
Barium	0.023		0.0025		mg/L		12/05/24 22:15	12/06/24 20:14	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:14	1
Boron	5.1		0.25		mg/L		12/05/24 22:15	12/09/24 13:52	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:14	1
Calcium	37		0.20		mg/L		12/05/24 22:15	12/06/24 20:14	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:14	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:14	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:14	1
Lithium	0.027		0.010		mg/L		12/05/24 22:15	12/06/24 20:14	1
Molybdenum	0.41		0.0050		mg/L		12/05/24 22:15	12/06/24 20:14	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:14	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	86		20		mg/L			12/11/24 17:16	20
Sulfate (EPA 300.0)	390		20		mg/L			12/11/24 17:16	20
Total Dissolved Solids (SM 2540C)	980		10		mg/L			11/26/24 03:44	1
Fluoride (SM 4500 F C)	0.93		0.10		mg/L			12/03/24 16:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	102.55				ft			11/22/24 12:20	1
Depth to Water (ft from MP)	105.00				ft			11/22/24 12:20	1
Elevation of well (ft from MP)	620.73				ft			11/22/24 12:20	1
Field pH	7.74				SU			11/22/24 12:20	1
Field Temperature	53.2				Degrees F			11/22/24 12:20	1
Ground Water Elevation	515.73				ft			11/22/24 12:20	1
Specific Conductance	1520				umhos/cm			11/22/24 12:20	1
Well bottom elevation	468.32				ft			11/22/24 12:20	1
Field Turbidity	0.88				NTU			11/22/24 12:20	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T13S

Lab Sample ID: 500-260496-7

Date Collected: 11/22/24 14:00

Matrix: Water

Date Received: 11/22/24 15:12

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		12/05/24 22:15	12/09/24 13:59	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:16	1
Barium	0.0097		0.0025		mg/L		12/05/24 22:15	12/06/24 20:16	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:16	1
Boron	0.17		0.050		mg/L		12/05/24 22:15	12/09/24 13:59	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:16	1
Calcium	8.3		0.20		mg/L		12/05/24 22:15	12/06/24 20:16	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:16	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:16	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:16	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 20:16	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:16	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:16	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	39		10		mg/L			12/11/24 17:32	10
Sulfate (EPA 300.0)	170		10		mg/L			12/11/24 17:32	10
Total Dissolved Solids (SM 2540C)	630		10		mg/L			11/26/24 03:47	1
Fluoride (SM 4500 F C)	0.23		0.10		mg/L			12/03/24 16:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	17.82				ft			11/22/24 14:00	1
Depth to Water (ft from MP)	20.58				ft			11/22/24 14:00	1
Elevation of well (ft from MP)	525.33				ft			11/22/24 14:00	1
Field pH	7.42				SU			11/22/24 14:00	1
Field Temperature	56.5				Degrees F			11/22/24 14:00	1
Ground Water Elevation	504.75				ft			11/22/24 14:00	1
Specific Conductance	964				umhos/cm			11/22/24 14:00	1
Well bottom elevation	452.21				ft			11/22/24 14:00	1
Field Turbidity	4.10				NTU			11/22/24 14:00	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G30S

Lab Sample ID: 500-260496-8

Date Collected: 11/25/24 10:28

Matrix: GW

Date Received: 11/25/24 15:06

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		12/05/24 22:15	12/09/24 14:02	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:19	1
Barium	0.048		0.0025		mg/L		12/05/24 22:15	12/06/24 20:19	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:19	1
Boron	4.6		0.050		mg/L		12/05/24 22:15	12/09/24 14:02	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:19	1
Calcium	69		0.20		mg/L		12/05/24 22:15	12/06/24 20:19	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:19	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:19	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:19	1
Lithium	0.024		0.010		mg/L		12/05/24 22:15	12/06/24 20:19	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:19	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:19	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	180		20		mg/L			12/11/24 17:47	20
Sulfate (EPA 300.0)	500		20		mg/L			12/11/24 17:47	20
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			11/26/24 03:50	1
Fluoride (SM 4500 F C)	0.86		0.10		mg/L			12/03/24 16:40	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.52				ft			11/25/24 10:28	1
Depth to Water (ft from MP)	1.79				ft			11/25/24 10:28	1
Elevation of well (ft from MP)	524.78				ft			11/25/24 10:28	1
Field pH	7.75				SU			11/25/24 10:28	1
Field Temperature	52.3				Degrees F			11/25/24 10:28	1
Ground Water Elevation	522.99				ft			11/25/24 10:28	1
Specific Conductance	1950				umhos/cm			11/25/24 10:28	1
Well bottom elevation	462.58				ft			11/25/24 10:28	1
Field Turbidity	0.88				NTU			11/25/24 10:28	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G46S

Lab Sample ID: 500-260496-9

Date Collected: 11/25/24 13:04

Matrix: GW

Date Received: 11/25/24 15:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.030		0.030		mg/L		12/05/24 22:15	12/09/24 14:05	10
Arsenic	0.057		0.0010		mg/L		12/05/24 22:15	12/06/24 20:21	1
Barium	0.045		0.0025		mg/L		12/05/24 22:15	12/06/24 20:21	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:21	1
Boron	9.3		0.50		mg/L		12/05/24 22:15	12/09/24 14:05	10
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:21	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 20:21	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:21	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:21	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:21	1
Lithium	0.23		0.010		mg/L		12/05/24 22:15	12/06/24 20:21	1
Molybdenum	1.0		0.0050		mg/L		12/05/24 22:15	12/06/24 20:21	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:21	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	62		10		mg/L			12/11/24 18:34	10
Sulfate (EPA 300.0)	500		10		mg/L			12/11/24 18:34	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			11/26/24 03:52	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			12/03/24 16:45	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	106.02				ft			11/25/24 13:04	1
Depth to Water (ft from MP)	108.72				ft			11/25/24 13:04	1
Elevation of well (ft from MP)	601.32				ft			11/25/24 13:04	1
Field pH	7.53				SU			11/25/24 13:04	1
Field Temperature	54.5				Degrees F			11/25/24 13:04	1
Ground Water Elevation	492.60				ft			11/25/24 13:04	1
Specific Conductance	1355				umhos/cm			11/25/24 13:04	1
Well bottom elevation	453.62				ft			11/25/24 13:04	1
Field Turbidity	59.40				NTU			11/25/24 13:04	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T12S

Lab Sample ID: 500-260496-10

Date Collected: 11/25/24 13:58

Matrix: Water

Date Received: 11/25/24 15:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.015		0.015		mg/L		12/05/24 22:15	12/09/24 14:07	5
Arsenic	0.12		0.0010		mg/L		12/05/24 22:15	12/06/24 20:24	1
Barium	0.12		0.0025		mg/L		12/05/24 22:15	12/06/24 20:24	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:24	1
Boron	4.5		0.25		mg/L		12/05/24 22:15	12/09/24 14:07	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:24	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 20:24	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:24	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:24	1
Lead	0.00056		0.00050		mg/L		12/05/24 22:15	12/06/24 20:24	1
Lithium	0.13		0.010		mg/L		12/05/24 22:15	12/06/24 20:24	1
Molybdenum	0.16		0.0050		mg/L		12/05/24 22:15	12/06/24 20:24	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:24	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	66		10		mg/L			12/11/24 18:50	10
Sulfate (EPA 300.0)	190		10		mg/L			12/11/24 18:50	10
Total Dissolved Solids (SM 2540C)	720		10		mg/L			11/26/24 03:55	1
Fluoride (SM 4500 F C)	0.20		0.10		mg/L			12/03/24 17:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	74.40				ft			11/25/24 13:58	1
Depth to Water (ft from MP)	77.14				ft			11/25/24 13:58	1
Elevation of well (ft from MP)	578.73				ft			11/25/24 13:58	1
Field pH	7.47				SU			11/25/24 13:58	1
Field Temperature	54.1				Degrees F			11/25/24 13:58	1
Ground Water Elevation	501.59				ft			11/25/24 13:58	1
Specific Conductance	1048				umhos/cm			11/25/24 13:58	1
Well bottom elevation	452.24				ft			11/25/24 13:58	1
Field Turbidity	80.30				NTU			11/25/24 13:58	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G39S

Lab Sample ID: 500-260496-11

Date Collected: 11/26/24 10:28

Matrix: Water

Date Received: 11/26/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:10	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:26	1
Barium	0.035		0.0025		mg/L		12/05/24 22:15	12/06/24 20:26	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:26	1
Boron	0.29		0.050		mg/L		12/05/24 22:15	12/09/24 14:10	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:26	1
Calcium	100		0.20		mg/L		12/05/24 22:15	12/06/24 20:26	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:26	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:26	1
Lead	0.0012		0.00050		mg/L		12/05/24 22:15	12/06/24 20:26	1
Lithium	0.011		0.010		mg/L		12/05/24 22:15	12/06/24 20:26	1
Molybdenum	0.0060		0.0050		mg/L		12/05/24 22:15	12/06/24 20:26	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:26	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	22		5.0		mg/L			12/11/24 19:05	5
Sulfate (EPA 300.0)	100		5.0		mg/L			12/11/24 19:05	5
Total Dissolved Solids (SM 2540C)	610		10		mg/L			12/02/24 00:39	1
Fluoride (SM 4500 F C)	0.20		0.10		mg/L			12/03/24 17:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	97.71				ft			11/26/24 10:28	1
Depth to Water (ft from MP)	99.79				ft			11/26/24 10:28	1
Elevation of well (ft from MP)	598.74				ft			11/26/24 10:28	1
Field pH	7.21				SU			11/26/24 10:28	1
Field Temperature	50.4				Degrees F			11/26/24 10:28	1
Ground Water Elevation	498.95				ft			11/26/24 10:28	1
Specific Conductance	740				umhos/cm			11/26/24 10:28	1
Well bottom elevation	454.15				ft			11/26/24 10:28	1
Field Turbidity	3.67				NTU			11/26/24 10:28	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G44S

Lab Sample ID: 500-260496-12

Date Collected: 11/26/24 11:20

Matrix: Water

Date Received: 11/26/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:12	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:34	1
Barium	0.065		0.0025		mg/L		12/05/24 22:15	12/06/24 20:34	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:34	1
Boron	1.6		0.050		mg/L		12/05/24 22:15	12/09/24 14:12	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:34	1
Calcium	130		0.20		mg/L		12/05/24 22:15	12/06/24 20:34	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 20:34	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 20:34	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 20:34	1
Lithium	0.024		0.010		mg/L		12/05/24 22:15	12/06/24 20:34	1
Molybdenum	0.19		0.0050		mg/L		12/05/24 22:15	12/06/24 20:34	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 20:34	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 20:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	50		10		mg/L			12/11/24 19:21	10
Sulfate (EPA 300.0)	150		10		mg/L			12/11/24 19:21	10
Total Dissolved Solids (SM 2540C)	800		10		mg/L			12/02/24 00:41	1
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			12/03/24 17:11	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	83.66				ft			11/26/24 11:20	1
Depth to Water (ft from MP)	85.84				ft			11/26/24 11:20	1
Elevation of well (ft from MP)	586.62				ft			11/26/24 11:20	1
Field pH	7.14				SU			11/26/24 11:20	1
Field Temperature	52.7				Degrees F			11/26/24 11:20	1
Ground Water Elevation	500.78				ft			11/26/24 11:20	1
Specific Conductance	1136				umhos/cm			11/26/24 11:20	1
Well bottom elevation	455.11				ft			11/26/24 11:20	1
Field Turbidity	57.60				NTU			11/26/24 11:20	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G45S

Lab Sample ID: 500-260496-13

Date Collected: 11/26/24 12:56

Matrix: Water

Date Received: 11/26/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 15:18	1
Arsenic	0.0084		0.0010		mg/L		12/05/24 22:15	12/09/24 15:18	1
Barium	0.045		0.0025		mg/L		12/05/24 22:15	12/09/24 15:18	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:18	1
Boron	0.52		0.050		mg/L		12/05/24 22:15	12/10/24 13:32	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:18	1
Calcium	110		0.20		mg/L		12/05/24 22:15	12/09/24 15:18	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 15:18	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:18	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:18	1
Lithium	0.027		0.010		mg/L		12/05/24 22:15	12/09/24 15:18	1
Molybdenum	0.011		0.0050		mg/L		12/05/24 22:15	12/09/24 15:18	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 15:18	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 15:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			12/11/24 21:41	10
Sulfate (EPA 300.0)	160		10		mg/L			12/11/24 21:41	10
Total Dissolved Solids (SM 2540C)	850		10		mg/L			12/02/24 00:44	1
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			12/03/24 17:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	61.60				ft			11/26/24 12:56	1
Depth to Water (ft from MP)	64.57				ft			11/26/24 12:56	1
Elevation of well (ft from MP)	603.81				ft			11/26/24 12:56	1
Field pH	7.31				SU			11/26/24 12:56	1
Field Temperature	55.9				Degrees F			11/26/24 12:56	1
Ground Water Elevation	539.24				ft			11/26/24 12:56	1
Specific Conductance	1138				umhos/cm			11/26/24 12:56	1
Well bottom elevation	471.05				ft			11/26/24 12:56	1
Field Turbidity	1.75				NTU			11/26/24 12:56	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: R32S

Lab Sample ID: 500-260496-14

Date Collected: 11/26/24 13:54

Matrix: Water

Date Received: 11/26/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:20	1
Arsenic	0.0024		0.0010		mg/L		12/05/24 22:15	12/09/24 14:20	1
Barium	0.032		0.0025		mg/L		12/05/24 22:15	12/09/24 14:20	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:20	1
Boron	4.1		0.25		mg/L		12/05/24 22:15	12/10/24 12:52	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:20	1
Calcium	130		0.20		mg/L		12/05/24 22:15	12/09/24 14:20	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:20	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:20	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:20	1
Lithium	0.10		0.010		mg/L		12/05/24 22:15	12/09/24 14:20	1
Molybdenum	0.48		0.0050		mg/L		12/05/24 22:15	12/09/24 14:20	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:20	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	39		20		mg/L			12/11/24 22:28	20
Sulfate (EPA 300.0)	390		20		mg/L			12/11/24 22:28	20
Total Dissolved Solids (SM 2540C)	880		10		mg/L			12/02/24 00:46	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			12/11/24 15:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	22.85				ft			11/26/24 13:54	1
Depth to Water (ft from MP)	24.88				ft			11/26/24 13:54	1
Elevation of well (ft from MP)	537.04				ft			11/26/24 13:54	1
Field pH	7.57				SU			11/26/24 13:54	1
Field Temperature	53.2				Degrees F			11/26/24 13:54	1
Ground Water Elevation	512.16				ft			11/26/24 13:54	1
Specific Conductance	993				umhos/cm			11/26/24 13:54	1
Well bottom elevation	457.84				ft			11/26/24 13:54	1
Field Turbidity	2.00				NTU			11/26/24 13:54	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T02S

Lab Sample ID: 500-260496-15

Date Collected: 11/27/24 10:14

Matrix: Water

Date Received: 11/27/24 15:47

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		12/05/24 22:15	12/09/24 14:38	1
Arsenic	0.0046		0.0010		mg/L		12/05/24 22:15	12/09/24 14:38	1
Barium	0.065		0.0025		mg/L		12/05/24 22:15	12/09/24 14:38	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:38	1
Boron	2.9		0.050		mg/L		12/05/24 22:15	12/10/24 13:05	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:38	1
Calcium	86		0.20		mg/L		12/05/24 22:15	12/09/24 14:38	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:38	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:38	1
Lead	0.0069		0.00050		mg/L		12/05/24 22:15	12/09/24 14:38	1
Lithium	0.035		0.010		mg/L		12/05/24 22:15	12/09/24 14:38	1
Molybdenum	0.25		0.0050		mg/L		12/05/24 22:15	12/09/24 14:38	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:38	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		20		mg/L			12/11/24 22:44	20
Sulfate (EPA 300.0)	320		20		mg/L			12/11/24 22:44	20
Total Dissolved Solids (SM 2540C)	990		10		mg/L			12/02/24 00:49	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			12/11/24 16:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.39				ft			11/27/24 10:14	1
Depth to Water (ft from MP)	137.72				ft			11/27/24 10:14	1
Elevation of well (ft from MP)	626.14				ft			11/27/24 10:14	1
Field pH	7.64				SU			11/27/24 10:14	1
Field Temperature	51.1				Degrees F			11/27/24 10:14	1
Ground Water Elevation	488.42				ft			11/27/24 10:14	1
Specific Conductance	1049				umhos/cm			11/27/24 10:14	1
Well bottom elevation	453.40				ft			11/27/24 10:14	1
Field Turbidity	179.00				NTU			11/27/24 10:14	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T08S

Lab Sample ID: 500-260496-16

Date Collected: 11/27/24 12:34

Matrix: Water

Date Received: 11/27/24 15:47

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		12/05/24 22:15	12/09/24 14:40	1
Arsenic	0.012		0.0010		mg/L		12/05/24 22:15	12/09/24 14:40	1
Barium	0.023		0.0025		mg/L		12/05/24 22:15	12/09/24 14:40	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:40	1
Boron	7.0		0.25		mg/L		12/05/24 22:15	12/10/24 13:07	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:40	1
Calcium	17		0.20		mg/L		12/05/24 22:15	12/09/24 14:40	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:40	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:40	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:40	1
Lithium	0.053		0.010		mg/L		12/05/24 22:15	12/09/24 14:40	1
Molybdenum	0.63		0.0050		mg/L		12/05/24 22:15	12/09/24 14:40	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:40	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	71		20		mg/L			12/11/24 22:59	20
Sulfate (EPA 300.0)	450		20		mg/L			12/11/24 22:59	20
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			12/02/24 00:52	1
Fluoride (SM 4500 F C)	0.54		0.10		mg/L			12/11/24 16:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	130.14				ft			11/27/24 12:34	1
Depth to Water (ft from MP)	132.52				ft			11/27/24 12:34	1
Elevation of well (ft from MP)	627.43				ft			11/27/24 12:34	1
Field pH	8.37				SU			11/27/24 12:34	1
Field Temperature	50.9				Degrees F			11/27/24 12:34	1
Ground Water Elevation	494.91				ft			11/27/24 12:34	1
Specific Conductance	1373				umhos/cm			11/27/24 12:34	1
Well bottom elevation	447.38				ft			11/27/24 12:34	1
Field Turbidity	1.29				NTU			11/27/24 12:34	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T03S

Lab Sample ID: 500-260496-17

Date Collected: 11/27/24 14:14

Matrix: Water

Date Received: 11/27/24 15:47

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		12/05/24 22:15	12/09/24 14:50	1
Arsenic	0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:50	1
Barium	0.067		0.0025		mg/L		12/05/24 22:15	12/09/24 14:50	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:50	1
Boron	0.47		0.050		mg/L		12/05/24 22:15	12/10/24 13:10	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:50	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/09/24 14:50	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:50	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:50	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:50	1
Lithium	0.018		0.010		mg/L		12/05/24 22:15	12/09/24 14:50	1
Molybdenum	0.034		0.0050		mg/L		12/05/24 22:15	12/09/24 14:50	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:50	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		10		mg/L			12/11/24 23:15	10
Sulfate (EPA 300.0)	140		10		mg/L			12/11/24 23:15	10
Total Dissolved Solids (SM 2540C)	840		10		mg/L			12/02/24 00:54	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			12/11/24 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	138.46				ft			11/27/24 14:14	1
Depth to Water (ft from MP)	141.54				ft			11/27/24 14:14	1
Elevation of well (ft from MP)	629.73				ft			11/27/24 14:14	1
Field pH	7.52				SU			11/27/24 14:14	1
Field Temperature	53.2				Degrees F			11/27/24 14:14	1
Ground Water Elevation	488.19				ft			11/27/24 14:14	1
Specific Conductance	1160				umhos/cm			11/27/24 14:14	1
Well bottom elevation	456.70				ft			11/27/24 14:14	1
Field Turbidity	0.99				NTU			11/27/24 14:14	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T03S DUP

Lab Sample ID: 500-260496-18

Date Collected: 11/27/24 14:14

Matrix: Water

Date Received: 11/27/24 15:47

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		12/05/24 22:15	12/09/24 14:53	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:53	1
Barium	0.059		0.0025		mg/L		12/05/24 22:15	12/09/24 14:53	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:53	1
Boron	0.50		0.050		mg/L		12/05/24 22:15	12/10/24 13:12	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:53	1
Calcium	110		0.20		mg/L		12/05/24 22:15	12/09/24 14:53	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:53	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:53	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:53	1
Lithium	0.018		0.010		mg/L		12/05/24 22:15	12/09/24 14:53	1
Molybdenum	0.031		0.0050		mg/L		12/05/24 22:15	12/09/24 14:53	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:53	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		10		mg/L			12/11/24 23:30	10
Sulfate (EPA 300.0)	140		10		mg/L			12/11/24 23:30	10
Total Dissolved Solids (SM 2540C)	840		10		mg/L			12/02/24 00:57	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			12/11/24 16:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	138.46				ft			11/27/24 14:14	1
Depth to Water (ft from MP)	141.54				ft			11/27/24 14:14	1
Elevation of well (ft from MP)	629.73				ft			11/27/24 14:14	1
Field pH	7.52				SU			11/27/24 14:14	1
Field Temperature	53.2				Degrees F			11/27/24 14:14	1
Ground Water Elevation	488.19				ft			11/27/24 14:14	1
Specific Conductance	1160				umhos/cm			11/27/24 14:14	1
Well bottom elevation	456.70				ft			11/27/24 14:14	1
Field Turbidity	0.99				NTU			11/27/24 14:14	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T09S

Lab Sample ID: 500-260496-19

Date Collected: 12/03/24 11:43

Matrix: Water

Date Received: 12/03/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:56	1
Arsenic	0.0020		0.0010		mg/L		12/05/24 22:15	12/09/24 14:56	1
Barium	0.057		0.0025		mg/L		12/05/24 22:15	12/09/24 14:56	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:56	1
Boron	3.7		0.050		mg/L		12/05/24 22:15	12/10/24 13:20	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:56	1
Calcium	130		0.20		mg/L		12/05/24 22:15	12/09/24 14:56	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:56	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:56	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:56	1
Lithium	0.076		0.010		mg/L		12/05/24 22:15	12/09/24 14:56	1
Molybdenum	0.43		0.0050		mg/L		12/05/24 22:15	12/09/24 14:56	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:56	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	43		20		mg/L			12/12/24 00:17	20
Sulfate (EPA 300.0)	270		20		mg/L			12/12/24 00:17	20
Total Dissolved Solids (SM 2540C)	870		10		mg/L			12/03/24 23:55	1
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			12/11/24 16:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	108.38				ft			12/03/24 11:43	1
Depth to Water (ft from MP)	110.78				ft			12/03/24 11:43	1
Elevation of well (ft from MP)	603.49				ft			12/03/24 11:43	1
Field pH	7.80				SU			12/03/24 11:43	1
Field Temperature	48.9				Degrees F			12/03/24 11:43	1
Ground Water Elevation	492.71				ft			12/03/24 11:43	1
Specific Conductance	1176				umhos/cm			12/03/24 11:43	1
Well bottom elevation	444.80				ft			12/03/24 11:43	1
Field Turbidity	18.40				NTU			12/03/24 11:43	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T06S

Lab Sample ID: 500-260496-20

Date Collected: 12/03/24 13:28

Matrix: Water

Date Received: 12/03/24 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:58	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:58	1
Barium	0.032		0.0025		mg/L		12/05/24 22:15	12/09/24 14:58	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:58	1
Boron	0.77		0.050		mg/L		12/05/24 22:15	12/10/24 13:22	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:58	1
Calcium	83		0.20		mg/L		12/05/24 22:15	12/09/24 14:58	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:58	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:58	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:58	1
Lithium	0.024		0.010		mg/L		12/05/24 22:15	12/09/24 14:58	1
Molybdenum	0.0088		0.0050		mg/L		12/05/24 22:15	12/09/24 14:58	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:58	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	12		5.0		mg/L			12/12/24 00:33	5
Sulfate (EPA 300.0)	99		5.0		mg/L			12/12/24 00:33	5
Total Dissolved Solids (SM 2540C)	500		10		mg/L			12/04/24 00:03	1
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			12/11/24 16:45	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	117.32				ft			12/03/24 13:28	1
Depth to Water (ft from MP)	119.62				ft			12/03/24 13:28	1
Elevation of well (ft from MP)	621.05				ft			12/03/24 13:28	1
Field pH	7.34				SU			12/03/24 13:28	1
Field Temperature	46.2				Degrees F			12/03/24 13:28	1
Ground Water Elevation	501.43				ft			12/03/24 13:28	1
Specific Conductance	778				umhos/cm			12/03/24 13:28	1
Well bottom elevation	447.94				ft			12/03/24 13:28	1
Field Turbidity	0.54				NTU			12/03/24 13:28	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T01S

Lab Sample ID: 500-260496-21

Date Collected: 12/04/24 10:26

Matrix: Water

Date Received: 12/04/24 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 15:01	1
Arsenic	0.0087		0.0010		mg/L		12/05/24 22:15	12/09/24 15:01	1
Barium	0.057		0.0025		mg/L		12/05/24 22:15	12/09/24 15:01	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:01	1
Boron	4.0		0.25		mg/L		12/05/24 22:15	12/10/24 13:25	5
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:01	1
Calcium	71		0.20		mg/L		12/05/24 22:15	12/09/24 15:01	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 15:01	1
Cobalt	0.0064		0.0010		mg/L		12/05/24 22:15	12/09/24 15:01	1
Lead	0.0043		0.00050		mg/L		12/05/24 22:15	12/09/24 15:01	1
Lithium	0.012		0.010		mg/L		12/05/24 22:15	12/09/24 15:01	1
Molybdenum	0.25		0.0050		mg/L		12/05/24 22:15	12/09/24 15:01	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 15:01	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 15:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 07:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	88		20		mg/L			12/12/24 00:49	20
Sulfate (EPA 300.0)	400		20		mg/L			12/12/24 00:49	20
Total Dissolved Solids (SM 2540C)	990		10		mg/L			12/06/24 01:52	1
Fluoride (SM 4500 F C)	1.1		0.10		mg/L			12/11/24 16:54	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.58				ft			12/04/24 10:26	1
Depth to Water (ft from MP)	126.06				ft			12/04/24 10:26	1
Elevation of well (ft from MP)	621.83				ft			12/04/24 10:26	1
Field pH	7.75				SU			12/04/24 10:26	1
Field Temperature	42.4				Degrees F			12/04/24 10:26	1
Ground Water Elevation	495.77				ft			12/04/24 10:26	1
Specific Conductance	1467				umhos/cm			12/04/24 10:26	1
Well bottom elevation	451.46				ft			12/04/24 10:26	1
Field Turbidity	355.00				NTU			12/04/24 10:26	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T11S

Lab Sample ID: 500-260496-22

Date Collected: 12/04/24 12:35

Matrix: Water

Date Received: 12/04/24 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 15:08	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:08	1
Barium	0.040		0.0025		mg/L		12/05/24 22:15	12/09/24 15:08	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:08	1
Boron	0.20		0.050		mg/L		12/05/24 22:15	12/10/24 13:27	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:08	1
Calcium	110		0.20		mg/L		12/05/24 22:15	12/09/24 15:08	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 15:08	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:08	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:08	1
Lithium	0.018		0.010		mg/L		12/05/24 22:15	12/09/24 15:08	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 15:08	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 15:08	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 15:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 07:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	37		10		mg/L			12/12/24 01:04	10
Sulfate (EPA 300.0)	180		10		mg/L			12/12/24 01:04	10
Total Dissolved Solids (SM 2540C)	760		10		mg/L			12/06/24 01:59	1
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			12/11/24 17:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	73.49				ft			12/04/24 12:35	1
Depth to Water (ft from MP)	76.23				ft			12/04/24 12:35	1
Elevation of well (ft from MP)	559.40				ft			12/04/24 12:35	1
Field pH	7.76				SU			12/04/24 12:35	1
Field Temperature	51.3				Degrees F			12/04/24 12:35	1
Ground Water Elevation	483.17				ft			12/04/24 12:35	1
Specific Conductance	933				umhos/cm			12/04/24 12:35	1
Well bottom elevation	445.60				ft			12/04/24 12:35	1
Field Turbidity	28.60				NTU			12/04/24 12:35	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T05S

Lab Sample ID: 500-260496-23

Date Collected: 12/04/24 14:12

Matrix: Water

Date Received: 12/04/24 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 15:11	1
Arsenic	0.087		0.0010		mg/L		12/05/24 22:15	12/09/24 15:11	1
Barium	0.0053		0.0025		mg/L		12/05/24 22:15	12/09/24 15:11	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:11	1
Boron	8.5		0.50		mg/L		12/05/24 22:15	12/10/24 13:30	10
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:11	1
Calcium	2.4		0.20		mg/L		12/05/24 22:15	12/09/24 15:11	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 15:11	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 15:11	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 15:11	1
Lithium	0.015		0.010		mg/L		12/05/24 22:15	12/09/24 15:11	1
Molybdenum	0.70		0.0050		mg/L		12/05/24 22:15	12/09/24 15:11	1
Selenium	0.0027		0.0025		mg/L		12/05/24 22:15	12/09/24 15:11	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 15:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 07:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		5.0		mg/L			12/12/24 01:20	5
Sulfate (EPA 300.0)	610		50		mg/L			12/12/24 18:55	50
Total Dissolved Solids (SM 2540C)	1600		10		mg/L			12/06/24 02:05	1
Fluoride (SM 4500 F C)	1.6		0.10		mg/L			12/11/24 17:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.92				ft			12/04/24 14:12	1
Depth to Water (ft from MP)	126.32				ft			12/04/24 14:12	1
Elevation of well (ft from MP)	623.41				ft			12/04/24 14:12	1
Field pH	8.71				SU			12/04/24 14:12	1
Field Temperature	44.2				Degrees F			12/04/24 14:12	1
Ground Water Elevation	497.09				ft			12/04/24 14:12	1
Specific Conductance	2320				umhos/cm			12/04/24 14:12	1
Well bottom elevation	448.35				ft			12/04/24 14:12	1
Field Turbidity	3.72				NTU			12/04/24 14:12	1

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Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Qualifiers

Metals

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

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 4Q24

Job ID: 500-260496-1

Metals

Prep Batch: 798276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total Recoverable	GW	3005A	
500-260496-2	R08S	Total Recoverable	GW	3005A	
500-260496-3	G31S	Total Recoverable	Water	3005A	
500-260496-4	G33S	Total Recoverable	Water	3005A	
500-260496-5	G47S	Total Recoverable	Water	3005A	
500-260496-6	G48S	Total Recoverable	Water	3005A	
500-260496-7	T13S	Total Recoverable	Water	3005A	
500-260496-8	G30S	Total Recoverable	GW	3005A	
500-260496-9	G46S	Total Recoverable	GW	3005A	
500-260496-10	T12S	Total Recoverable	Water	3005A	
500-260496-11	G39S	Total Recoverable	Water	3005A	
500-260496-12	G44S	Total Recoverable	Water	3005A	
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 798277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-13	G45S	Total Recoverable	Water	3005A	
500-260496-14	R32S	Total Recoverable	Water	3005A	
500-260496-15	T02S	Total Recoverable	Water	3005A	
500-260496-16	T08S	Total Recoverable	Water	3005A	
500-260496-17	T03S	Total Recoverable	Water	3005A	
500-260496-18	T03S DUP	Total Recoverable	Water	3005A	
500-260496-19	T09S	Total Recoverable	Water	3005A	
500-260496-20	T06S	Total Recoverable	Water	3005A	
500-260496-21	T01S	Total Recoverable	Water	3005A	
500-260496-22	T11S	Total Recoverable	Water	3005A	
500-260496-23	T05S	Total Recoverable	Water	3005A	
MB 500-798277/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-798277/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-260496-14 MS	R32S	Total Recoverable	Water	3005A	
500-260496-14 MSD	R32S	Total Recoverable	Water	3005A	
500-260496-14 DU	R32S	Total Recoverable	Water	3005A	

Analysis Batch: 798542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total Recoverable	GW	6020B	798276
500-260496-2	R08S	Total Recoverable	GW	6020B	798276
500-260496-3	G31S	Total Recoverable	Water	6020B	798276
500-260496-4	G33S	Total Recoverable	Water	6020B	798276
500-260496-5	G47S	Total Recoverable	Water	6020B	798276
500-260496-6	G48S	Total Recoverable	Water	6020B	798276
500-260496-7	T13S	Total Recoverable	Water	6020B	798276
500-260496-8	G30S	Total Recoverable	GW	6020B	798276
500-260496-9	G46S	Total Recoverable	GW	6020B	798276
500-260496-10	T12S	Total Recoverable	Water	6020B	798276
500-260496-11	G39S	Total Recoverable	Water	6020B	798276
500-260496-12	G44S	Total Recoverable	Water	6020B	798276
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	6020B	798276
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798276

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Metals

Analysis Batch: 798633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total Recoverable	GW	6020B	798276
500-260496-2	R08S	Total Recoverable	GW	6020B	798276
500-260496-3	G31S	Total Recoverable	Water	6020B	798276
500-260496-4	G33S	Total Recoverable	Water	6020B	798276
500-260496-5	G47S	Total Recoverable	Water	6020B	798276
500-260496-6	G48S	Total Recoverable	Water	6020B	798276
500-260496-7	T13S	Total Recoverable	Water	6020B	798276
500-260496-8	G30S	Total Recoverable	GW	6020B	798276
500-260496-9	G46S	Total Recoverable	GW	6020B	798276
500-260496-10	T12S	Total Recoverable	Water	6020B	798276
500-260496-11	G39S	Total Recoverable	Water	6020B	798276
500-260496-12	G44S	Total Recoverable	Water	6020B	798276
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	6020B	798276
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798276

Analysis Batch: 798723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-13	G45S	Total Recoverable	Water	6020B	798277
500-260496-14	R32S	Total Recoverable	Water	6020B	798277
500-260496-15	T02S	Total Recoverable	Water	6020B	798277
500-260496-16	T08S	Total Recoverable	Water	6020B	798277
500-260496-17	T03S	Total Recoverable	Water	6020B	798277
500-260496-18	T03S DUP	Total Recoverable	Water	6020B	798277
500-260496-19	T09S	Total Recoverable	Water	6020B	798277
500-260496-20	T06S	Total Recoverable	Water	6020B	798277
500-260496-21	T01S	Total Recoverable	Water	6020B	798277
500-260496-22	T11S	Total Recoverable	Water	6020B	798277
500-260496-23	T05S	Total Recoverable	Water	6020B	798277
MB 500-798277/1-A	Method Blank	Total Recoverable	Water	6020B	798277
LCS 500-798277/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798277
500-260496-14 MS	R32S	Total Recoverable	Water	6020B	798277
500-260496-14 MSD	R32S	Total Recoverable	Water	6020B	798277
500-260496-14 DU	R32S	Total Recoverable	Water	6020B	798277

Analysis Batch: 798895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-13	G45S	Total Recoverable	Water	6020B	798277
500-260496-14	R32S	Total Recoverable	Water	6020B	798277
500-260496-15	T02S	Total Recoverable	Water	6020B	798277
500-260496-16	T08S	Total Recoverable	Water	6020B	798277
500-260496-17	T03S	Total Recoverable	Water	6020B	798277
500-260496-18	T03S DUP	Total Recoverable	Water	6020B	798277
500-260496-19	T09S	Total Recoverable	Water	6020B	798277
500-260496-20	T06S	Total Recoverable	Water	6020B	798277
500-260496-21	T01S	Total Recoverable	Water	6020B	798277
500-260496-22	T11S	Total Recoverable	Water	6020B	798277
500-260496-23	T05S	Total Recoverable	Water	6020B	798277
500-260496-14 MS	R32S	Total Recoverable	Water	6020B	798277
500-260496-14 MSD	R32S	Total Recoverable	Water	6020B	798277
500-260496-14 DU	R32S	Total Recoverable	Water	6020B	798277

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Metals

Prep Batch: 799155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	7470A	
500-260496-2	R08S	Total/NA	GW	7470A	
500-260496-3	G31S	Total/NA	Water	7470A	
500-260496-4	G33S	Total/NA	Water	7470A	
500-260496-5	G47S	Total/NA	Water	7470A	
500-260496-6	G48S	Total/NA	Water	7470A	
500-260496-7	T13S	Total/NA	Water	7470A	
500-260496-8	G30S	Total/NA	GW	7470A	
500-260496-9	G46S	Total/NA	GW	7470A	
500-260496-10	T12S	Total/NA	Water	7470A	
500-260496-11	G39S	Total/NA	Water	7470A	
500-260496-12	G44S	Total/NA	Water	7470A	
500-260496-13	G45S	Total/NA	Water	7470A	
500-260496-14	R32S	Total/NA	Water	7470A	
500-260496-15	T02S	Total/NA	Water	7470A	
500-260496-16	T08S	Total/NA	Water	7470A	
500-260496-17	T03S	Total/NA	Water	7470A	
500-260496-18	T03S DUP	Total/NA	Water	7470A	
500-260496-19	T09S	Total/NA	Water	7470A	
500-260496-20	T06S	Total/NA	Water	7470A	
MB 500-799155/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-799155/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-260496-10 MS	T12S	Total/NA	Water	7470A	
500-260496-10 MSD	T12S	Total/NA	Water	7470A	
500-260496-10 DU	T12S	Total/NA	Water	7470A	

Prep Batch: 799156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-21	T01S	Total/NA	Water	7470A	
500-260496-22	T11S	Total/NA	Water	7470A	
500-260496-23	T05S	Total/NA	Water	7470A	
MB 500-799156/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-799156/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 799341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	7470A	799155
500-260496-2	R08S	Total/NA	GW	7470A	799155
500-260496-3	G31S	Total/NA	Water	7470A	799155
500-260496-4	G33S	Total/NA	Water	7470A	799155
500-260496-5	G47S	Total/NA	Water	7470A	799155
500-260496-6	G48S	Total/NA	Water	7470A	799155
500-260496-7	T13S	Total/NA	Water	7470A	799155
500-260496-8	G30S	Total/NA	GW	7470A	799155
500-260496-9	G46S	Total/NA	GW	7470A	799155
500-260496-10	T12S	Total/NA	Water	7470A	799155
500-260496-11	G39S	Total/NA	Water	7470A	799155
500-260496-12	G44S	Total/NA	Water	7470A	799155
500-260496-13	G45S	Total/NA	Water	7470A	799155
500-260496-14	R32S	Total/NA	Water	7470A	799155
500-260496-15	T02S	Total/NA	Water	7470A	799155

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Metals (Continued)

Analysis Batch: 799341 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-16	T08S	Total/NA	Water	7470A	799155
500-260496-17	T03S	Total/NA	Water	7470A	799155
500-260496-18	T03S DUP	Total/NA	Water	7470A	799155
500-260496-19	T09S	Total/NA	Water	7470A	799155
500-260496-20	T06S	Total/NA	Water	7470A	799155
500-260496-21	T01S	Total/NA	Water	7470A	799156
500-260496-22	T11S	Total/NA	Water	7470A	799156
500-260496-23	T05S	Total/NA	Water	7470A	799156
MB 500-799155/12-A	Method Blank	Total/NA	Water	7470A	799155
MB 500-799156/12-A	Method Blank	Total/NA	Water	7470A	799156
LCS 500-799155/13-A	Lab Control Sample	Total/NA	Water	7470A	799155
LCS 500-799156/13-A	Lab Control Sample	Total/NA	Water	7470A	799156
500-260496-10 MS	T12S	Total/NA	Water	7470A	799155
500-260496-10 MSD	T12S	Total/NA	Water	7470A	799155
500-260496-10 DU	T12S	Total/NA	Water	7470A	799155

General Chemistry

Analysis Batch: 797033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	SM 2540C	
500-260496-2	R08S	Total/NA	GW	SM 2540C	
500-260496-3	G31S	Total/NA	Water	SM 2540C	
500-260496-4	G33S	Total/NA	Water	SM 2540C	
500-260496-5	G47S	Total/NA	Water	SM 2540C	
500-260496-6	G48S	Total/NA	Water	SM 2540C	
500-260496-7	T13S	Total/NA	Water	SM 2540C	
500-260496-8	G30S	Total/NA	GW	SM 2540C	
500-260496-9	G46S	Total/NA	GW	SM 2540C	
500-260496-10	T12S	Total/NA	Water	SM 2540C	
MB 500-797033/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-797033/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-260496-1 MS	G20S	Total/NA	GW	SM 2540C	
500-260496-1 DU	G20S	Total/NA	GW	SM 2540C	
500-260496-2 DU	R08S	Total/NA	GW	SM 2540C	

Analysis Batch: 797494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-11	G39S	Total/NA	Water	SM 2540C	
500-260496-12	G44S	Total/NA	Water	SM 2540C	
500-260496-13	G45S	Total/NA	Water	SM 2540C	
500-260496-14	R32S	Total/NA	Water	SM 2540C	
500-260496-15	T02S	Total/NA	Water	SM 2540C	
500-260496-16	T08S	Total/NA	Water	SM 2540C	
500-260496-17	T03S	Total/NA	Water	SM 2540C	
500-260496-18	T03S DUP	Total/NA	Water	SM 2540C	
MB 500-797494/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-797494/2	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 4Q24

Job ID: 500-260496-1

General Chemistry

Analysis Batch: 797893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-19	T09S	Total/NA	Water	SM 2540C	
500-260496-20	T06S	Total/NA	Water	SM 2540C	
MB 500-797893/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-797893/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-260496-19 MS	T09S	Total/NA	Water	SM 2540C	
500-260496-19 DU	T09S	Total/NA	Water	SM 2540C	
500-260496-20 DU	T06S	Total/NA	Water	SM 2540C	

Analysis Batch: 798114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	SM 4500 F C	
500-260496-2	R08S	Total/NA	GW	SM 4500 F C	
500-260496-3	G31S	Total/NA	Water	SM 4500 F C	
500-260496-4	G33S	Total/NA	Water	SM 4500 F C	
500-260496-5	G47S	Total/NA	Water	SM 4500 F C	
500-260496-6	G48S	Total/NA	Water	SM 4500 F C	
500-260496-7	T13S	Total/NA	Water	SM 4500 F C	
500-260496-8	G30S	Total/NA	GW	SM 4500 F C	
500-260496-9	G46S	Total/NA	GW	SM 4500 F C	
500-260496-10	T12S	Total/NA	Water	SM 4500 F C	
500-260496-11	G39S	Total/NA	Water	SM 4500 F C	
500-260496-12	G44S	Total/NA	Water	SM 4500 F C	
500-260496-13	G45S	Total/NA	Water	SM 4500 F C	
MB 500-798114/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-798114/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-798114/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-798114/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 798297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-21	T01S	Total/NA	Water	SM 2540C	
500-260496-22	T11S	Total/NA	Water	SM 2540C	
500-260496-23	T05S	Total/NA	Water	SM 2540C	
MB 500-798297/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-798297/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-260496-21 MS	T01S	Total/NA	Water	SM 2540C	
500-260496-21 DU	T01S	Total/NA	Water	SM 2540C	
500-260496-22 DU	T11S	Total/NA	Water	SM 2540C	

Analysis Batch: 798788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	300.0	
500-260496-2	R08S	Total/NA	GW	300.0	
500-260496-3	G31S	Total/NA	Water	300.0	
500-260496-4	G33S	Total/NA	Water	300.0	
500-260496-5	G47S	Total/NA	Water	300.0	
500-260496-6	G48S	Total/NA	Water	300.0	
500-260496-7	T13S	Total/NA	Water	300.0	
500-260496-8	G30S	Total/NA	GW	300.0	
500-260496-9	G46S	Total/NA	GW	300.0	
500-260496-10	T12S	Total/NA	Water	300.0	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

General Chemistry (Continued)

Analysis Batch: 798788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-11	G39S	Total/NA	Water	300.0	
500-260496-12	G44S	Total/NA	Water	300.0	
MB 500-798788/3	Method Blank	Total/NA	Water	300.0	
LCS 500-798788/4	Lab Control Sample	Total/NA	Water	300.0	
500-260496-12 MS	G44S	Total/NA	Water	300.0	
500-260496-12 MSD	G44S	Total/NA	Water	300.0	

Analysis Batch: 798928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-13	G45S	Total/NA	Water	300.0	
500-260496-14	R32S	Total/NA	Water	300.0	
500-260496-15	T02S	Total/NA	Water	300.0	
500-260496-16	T08S	Total/NA	Water	300.0	
500-260496-17	T03S	Total/NA	Water	300.0	
500-260496-18	T03S DUP	Total/NA	Water	300.0	
500-260496-19	T09S	Total/NA	Water	300.0	
500-260496-20	T06S	Total/NA	Water	300.0	
500-260496-21	T01S	Total/NA	Water	300.0	
500-260496-22	T11S	Total/NA	Water	300.0	
500-260496-23	T05S	Total/NA	Water	300.0	
MB 500-798928/3	Method Blank	Total/NA	Water	300.0	
LCS 500-798928/4	Lab Control Sample	Total/NA	Water	300.0	
500-260496-13 MS	G45S	Total/NA	Water	300.0	
500-260496-13 MSD	G45S	Total/NA	Water	300.0	

Analysis Batch: 799149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-14	R32S	Total/NA	Water	SM 4500 F C	
500-260496-15	T02S	Total/NA	Water	SM 4500 F C	
500-260496-16	T08S	Total/NA	Water	SM 4500 F C	
500-260496-17	T03S	Total/NA	Water	SM 4500 F C	
500-260496-18	T03S DUP	Total/NA	Water	SM 4500 F C	
500-260496-19	T09S	Total/NA	Water	SM 4500 F C	
500-260496-20	T06S	Total/NA	Water	SM 4500 F C	
500-260496-21	T01S	Total/NA	Water	SM 4500 F C	
500-260496-22	T11S	Total/NA	Water	SM 4500 F C	
500-260496-23	T05S	Total/NA	Water	SM 4500 F C	
MB 500-799149/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-799149/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-260496-22 MS	T11S	Total/NA	Water	SM 4500 F C	
500-260496-22 MSD	T11S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 799158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-23	T05S	Total/NA	Water	300.0	
MB 500-799158/3	Method Blank	Total/NA	Water	300.0	
LCS 500-799158/4	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Field Service / Mobile Lab

Analysis Batch: 796759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	Field Sampling	
500-260496-2	R08S	Total/NA	GW	Field Sampling	
500-260496-3	G31S	Total/NA	Water	Field Sampling	
500-260496-4	G33S	Total/NA	Water	Field Sampling	
500-260496-5	G47S	Total/NA	Water	Field Sampling	
500-260496-6	G48S	Total/NA	Water	Field Sampling	
500-260496-7	T13S	Total/NA	Water	Field Sampling	
500-260496-8	G30S	Total/NA	GW	Field Sampling	
500-260496-9	G46S	Total/NA	GW	Field Sampling	
500-260496-10	T12S	Total/NA	Water	Field Sampling	
500-260496-11	G39S	Total/NA	Water	Field Sampling	
500-260496-12	G44S	Total/NA	Water	Field Sampling	
500-260496-13	G45S	Total/NA	Water	Field Sampling	
500-260496-14	R32S	Total/NA	Water	Field Sampling	
500-260496-15	T02S	Total/NA	Water	Field Sampling	
500-260496-16	T08S	Total/NA	Water	Field Sampling	
500-260496-17	T03S	Total/NA	Water	Field Sampling	
500-260496-18	T03S DUP	Total/NA	Water	Field Sampling	
500-260496-19	T09S	Total/NA	Water	Field Sampling	
500-260496-20	T06S	Total/NA	Water	Field Sampling	
500-260496-21	T01S	Total/NA	Water	Field Sampling	
500-260496-22	T11S	Total/NA	Water	Field Sampling	
500-260496-23	T05S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-798276/1-A
Matrix: Water
Analysis Batch: 798542

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 798276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:16	1
Barium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:16	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:16	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:16	1
Calcium	<0.20		0.20		mg/L		12/05/24 22:15	12/06/24 19:16	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:16	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:16	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:16	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:16	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:16	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:16	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:16	1

Lab Sample ID: MB 500-798276/1-A
Matrix: Water
Analysis Batch: 798633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 798276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 12:59	1
Boron	<0.050		0.050		mg/L		12/05/24 22:15	12/09/24 12:59	1

Lab Sample ID: LCS 500-798276/2-A
Matrix: Water
Analysis Batch: 798542

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 798276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0831		mg/L		83	80 - 120
Barium	2.00	1.86		mg/L		93	80 - 120
Beryllium	0.0500	0.0470		mg/L		94	80 - 120
Cadmium	0.0500	0.0465		mg/L		93	80 - 120
Calcium	10.0	8.02		mg/L		80	80 - 120
Chromium	0.200	0.188		mg/L		94	80 - 120
Cobalt	0.500	0.479		mg/L		96	80 - 120
Lead	0.100	0.0929		mg/L		93	80 - 120
Lithium	0.500	0.505		mg/L		101	80 - 120
Molybdenum	1.00	0.883		mg/L		88	80 - 120
Selenium	0.100	0.0888		mg/L		89	80 - 120
Thallium	0.100	0.0962		mg/L		96	80 - 120

Lab Sample ID: LCS 500-798276/2-A
Matrix: Water
Analysis Batch: 798633

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 798276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.479		mg/L		96	80 - 120
Boron	1.00	0.828		mg/L		83	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: MB 500-798277/1-A

Matrix: Water

Analysis Batch: 798723

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 14:15	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:15	1
Barium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:15	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:15	1
Boron	<0.050		0.050		mg/L		12/05/24 22:15	12/09/24 14:15	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:15	1
Calcium	<0.20		0.20		mg/L		12/05/24 22:15	12/09/24 14:15	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:15	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/09/24 14:15	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/09/24 14:15	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/09/24 14:15	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/09/24 14:15	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/09/24 14:15	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/09/24 14:15	1

Lab Sample ID: LCS 500-798277/2-A

Matrix: Water

Analysis Batch: 798723

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.482		mg/L		96	80 - 120
Arsenic	0.100	0.0945		mg/L		94	80 - 120
Barium	2.00	2.03		mg/L		102	80 - 120
Beryllium	0.0500	0.0451		mg/L		90	80 - 120
Boron	1.00	0.888		mg/L		89	80 - 120
Cadmium	0.0500	0.0484		mg/L		97	80 - 120
Calcium	10.0	8.28		mg/L		83	80 - 120
Chromium	0.200	0.195		mg/L		98	80 - 120
Cobalt	0.500	0.488		mg/L		98	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.500	0.469		mg/L		94	80 - 120
Molybdenum	1.00	0.925		mg/L		93	80 - 120
Selenium	0.100	0.0972		mg/L		97	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 500-260496-14 MS

Matrix: Water

Analysis Batch: 798723

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.508		mg/L		101	75 - 125
Arsenic	0.0024		0.100	0.103		mg/L		101	75 - 125
Barium	0.032		2.00	2.04		mg/L		100	75 - 125
Beryllium	<0.0010		0.0500	0.0433		mg/L		87	75 - 125
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125
Calcium	130		10.0	137	4	mg/L		83	75 - 125
Chromium	<0.0050		0.200	0.192		mg/L		96	75 - 125
Cobalt	<0.0010		0.500	0.501		mg/L		100	75 - 125
Lead	<0.00050		0.100	0.0984		mg/L		98	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: 500-260496-14 MS

Matrix: Water

Analysis Batch: 798723

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.10		0.500	0.536		mg/L		87	75 - 125
Molybdenum	0.48		1.00	1.44		mg/L		95	75 - 125
Selenium	<0.0025		0.100	0.0909		mg/L		91	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-260496-14 MS

Matrix: Water

Analysis Batch: 798895

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	4.1		1.00	4.73	4	mg/L		64	75 - 125

Lab Sample ID: 500-260496-14 MSD

Matrix: Water

Analysis Batch: 798723

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.523		mg/L		104	75 - 125	3	20
Arsenic	0.0024		0.100	0.104		mg/L		102	75 - 125	1	20
Barium	0.032		2.00	2.05		mg/L		101	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0458		mg/L		92	75 - 125	6	20
Cadmium	<0.00050		0.0500	0.0499		mg/L		100	75 - 125	1	20
Calcium	130		10.0	144	4	mg/L		155	75 - 125	5	20
Chromium	<0.0050		0.200	0.195		mg/L		97	75 - 125	1	20
Cobalt	<0.0010		0.500	0.504		mg/L		101	75 - 125	1	20
Lead	<0.00050		0.100	0.0992		mg/L		99	75 - 125	1	20
Lithium	0.10		0.500	0.568		mg/L		93	75 - 125	6	20
Molybdenum	0.48		1.00	1.48		mg/L		100	75 - 125	3	20
Selenium	<0.0025		0.100	0.0891		mg/L		89	75 - 125	2	20
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125	0	20

Lab Sample ID: 500-260496-14 MSD

Matrix: Water

Analysis Batch: 798895

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4.1		1.00	5.28	4	mg/L		119	75 - 125	11	20

Lab Sample ID: 500-260496-14 DU

Matrix: Water

Analysis Batch: 798723

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0024		0.00240		mg/L		1	20
Barium	0.032		0.0305		mg/L		4	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	130		125		mg/L		3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: 500-260496-14 DU

Matrix: Water

Analysis Batch: 798723

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	0.10		0.0973		mg/L		4	20
Molybdenum	0.48		0.466		mg/L		4	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-260496-14 DU

Matrix: Water

Analysis Batch: 798895

Client Sample ID: R32S

Prep Type: Total Recoverable

Prep Batch: 798277

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	4.1		4.05		mg/L		1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-799155/12-A

Matrix: Water

Analysis Batch: 799341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 799155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 08:08	1

Lab Sample ID: LCS 500-799155/13-A

Matrix: Water

Analysis Batch: 799341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 799155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00202		mg/L		101	80 - 120

Lab Sample ID: 500-260496-10 MS

Matrix: Water

Analysis Batch: 799341

Client Sample ID: T12S

Prep Type: Total/NA

Prep Batch: 799155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000942		mg/L		94	75 - 125

Lab Sample ID: 500-260496-10 MSD

Matrix: Water

Analysis Batch: 799341

Client Sample ID: T12S

Prep Type: Total/NA

Prep Batch: 799155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.00100		mg/L		100	75 - 125	6	20

Lab Sample ID: 500-260496-10 DU

Matrix: Water

Analysis Batch: 799341

Client Sample ID: T12S

Prep Type: Total/NA

Prep Batch: 799155

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

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: MB 500-799156/12-A
Matrix: Water
Analysis Batch: 799341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 799156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/12/24 10:45	12/13/24 07:11	1

Lab Sample ID: LCS 500-799156/13-A
Matrix: Water
Analysis Batch: 799341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 799156

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-798788/3
Matrix: Water
Analysis Batch: 798788

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			12/11/24 07:33	1
Sulfate	<1.0		1.0		mg/L			12/11/24 07:33	1

Lab Sample ID: LCS 500-798788/4
Matrix: Water
Analysis Batch: 798788

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	18.3		mg/L		91	90 - 110
Sulfate	20.0	19.0		mg/L		95	90 - 110

Lab Sample ID: 500-260496-12 MS
Matrix: Water
Analysis Batch: 798788

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	50		100	148		mg/L		98	80 - 120
Sulfate	150		100	256		mg/L		101	80 - 120

Lab Sample ID: 500-260496-12 MSD
Matrix: Water
Analysis Batch: 798788

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	50		100	150		mg/L		100	80 - 120	1	20
Sulfate	150		100	260		mg/L		105	80 - 120	2	20

Lab Sample ID: MB 500-798928/3
Matrix: Water
Analysis Batch: 798928

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			12/11/24 21:10	1
Sulfate	<1.0		1.0		mg/L			12/11/24 21:10	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-798928/4

Matrix: Water

Analysis Batch: 798928

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	18.5		mg/L		93	90 - 110
Sulfate	20.0	19.5		mg/L		97	90 - 110

Lab Sample ID: 500-260496-13 MS

Matrix: Water

Analysis Batch: 798928

Client Sample ID: G45S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	130		100	228		mg/L		96	80 - 120
Sulfate	160		100	261		mg/L		101	80 - 120

Lab Sample ID: 500-260496-13 MSD

Matrix: Water

Analysis Batch: 798928

Client Sample ID: G45S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		100	227		mg/L		95	80 - 120	0	20
Sulfate	160		100	256		mg/L		95	80 - 120	2	20

Lab Sample ID: MB 500-799158/3

Matrix: Water

Analysis Batch: 799158

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			12/12/24 14:51	1

Lab Sample ID: LCS 500-799158/4

Matrix: Water

Analysis Batch: 799158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	100	105		mg/L		105	90 - 110

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

Lab Sample ID: MB 500-797033/1

Matrix: Water

Analysis Batch: 797033

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			11/26/24 03:19	1

Lab Sample ID: LCS 500-797033/2

Matrix: Water

Analysis Batch: 797033

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: 500-260496-1 MS
Matrix: GW
Analysis Batch: 797033

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	430		250	652		mg/L		90	75 - 125

Lab Sample ID: 500-260496-1 DU
Matrix: GW
Analysis Batch: 797033

Client Sample ID: G20S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	430		430		mg/L		0.9	5

Lab Sample ID: 500-260496-2 DU
Matrix: GW
Analysis Batch: 797033

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	800		788		mg/L		1	5

Lab Sample ID: MB 500-797494/1
Matrix: Water
Analysis Batch: 797494

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			12/02/24 00:34	1

Lab Sample ID: LCS 500-797494/2
Matrix: Water
Analysis Batch: 797494

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	256		mg/L		102	80 - 120

Lab Sample ID: MB 500-797893/1
Matrix: Water
Analysis Batch: 797893

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			12/03/24 23:40	1

Lab Sample ID: LCS 500-797893/2
Matrix: Water
Analysis Batch: 797893

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	252		mg/L		101	80 - 120

Lab Sample ID: 500-260496-19 MS
Matrix: Water
Analysis Batch: 797893

Client Sample ID: T09S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	870		250	1100		mg/L		91	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

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

Lab Sample ID: 500-260496-19 DU
Matrix: Water
Analysis Batch: 797893

Client Sample ID: T09S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	870		838		mg/L		4	5

Lab Sample ID: 500-260496-20 DU
Matrix: Water
Analysis Batch: 797893

Client Sample ID: T06S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	500		488		mg/L		3	5

Lab Sample ID: MB 500-798297/1
Matrix: Water
Analysis Batch: 798297

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			12/06/24 01:47	1

Lab Sample ID: LCS 500-798297/2
Matrix: Water
Analysis Batch: 798297

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	268		mg/L		107	80 - 120

Lab Sample ID: 500-260496-21 MS
Matrix: Water
Analysis Batch: 798297

Client Sample ID: T01S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	990		250	1280		mg/L		118	75 - 125

Lab Sample ID: 500-260496-21 DU
Matrix: Water
Analysis Batch: 798297

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		968		mg/L		2	5

Lab Sample ID: 500-260496-22 DU
Matrix: Water
Analysis Batch: 798297

Client Sample ID: T11S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	760		770		mg/L		1	5

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-798114/3

Matrix: Water

Analysis Batch: 798114

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			12/03/24 14:27	1

Lab Sample ID: MB 500-798114/31

Matrix: Water

Analysis Batch: 798114

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			12/03/24 16:50	1

Lab Sample ID: LCS 500-798114/32

Matrix: Water

Analysis Batch: 798114

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	10.1		mg/L		101	90 - 119

Lab Sample ID: LCS 500-798114/4

Matrix: Water

Analysis Batch: 798114

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: MB 500-799149/31

Matrix: Water

Analysis Batch: 799149

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			12/11/24 14:51	1

Lab Sample ID: LCS 500-799149/32

Matrix: Water

Analysis Batch: 799149

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	9.95		mg/L		100	90 - 119

Lab Sample ID: 500-260496-22 MS

Matrix: Water

Analysis Batch: 799149

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.26		5.00	5.12		mg/L		97	75 - 125

Lab Sample ID: 500-260496-22 MSD

Matrix: Water

Analysis Batch: 799149

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.26		5.00	5.19		mg/L		99	75 - 125	1	20

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2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-128919-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofins.com		State of Origin		Page 1 of 3	
Company: Midwest Generation EME LLC		PWSID		Analysis Requested		Job #: <i>500-260496</i>		Preservation Codes: D - HNO3 N - None	
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of Containers		500-260496 COC 	
City: Joliet		TAT Requested (days)							
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO #: 4502153835							
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)	
						Preservation Code:			
<i>G20S</i>		<i>11/20/24</i>		<i>1031</i>				Water	
<i>R08S</i>		<i>11/20/24</i>		<i>1323</i>				Water	
<i>R02S</i>								Water	
<i>G44S</i>								Water	
<i>G45S</i>								Water	
<i>G46S</i>								Water	
<i>G47S</i>								Water	
<i>G48S</i>								Water	
<i>R03S</i>								Water	
<i>G00S</i>								Water	
<i>00P</i>								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:		Date		Time		Method of Shipment:			
Relinquished by: <i>OT</i>		Date/Time: <i>11/20/24 1444</i>		Company: <i>EETA</i>		Received by: <i>Stephanie Hernandez</i>		Date/Time: <i>11/20/24 1444</i> Company: <i>EETA</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time: Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time: Company:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>1.7 → 1.4 48 QT</i>					

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2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler <i>Noe L., Tristan B.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No. 500-128919-50642 2	
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 2 of 3	
Company Midwest Generation EME LLC		PWSID		Analysis Requi				Job # <i>500-260496</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 Raz26Ra228_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		500-260496 COC		Preservation Codes. D HNO3 N None	
City Joliet		TAT Requested (days)				Total Number of containers		Other	
State Zip IL, 60436		Compliance Project ☐ Yes ☐ No							
Phone		PO #: 4502153835							
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)		Special Instructions/Note:	
						Preservation Code:			
<i>3 G31S</i>		<i>11/21/24</i>	<i>1011</i>		Water	☒			
<i>4 G33S</i>		<i>11/21/24</i>	<i>1131</i>		Water	☒			
T01S					Water				
T02S					Water				
T04S					Water				
T05S					Water				
T06S					Water				
T08S					Water				
T09S					Water				
T12S					Water				
T13S					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		Date		Time		Method of Shipment:			
Relinquished by: <i>[Signature]</i>		Date/Time <i>11/21/24 e 1305</i>		Company <i>EETA</i>		Received by: <i>Stephanie Hernandez</i>		Date/Time <i>11/21/24 1305</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>2.8 → 2.7 48QT</i>					

eurofins | Environment Testing

Ver 10/10/2024 12/13/2024

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-128919-50642 3	
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 3 of 3	
Company Midwest Generation EME LLC				PWSID		Analysis Requested			
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E Total Number of Containers		Job # <i>500-260496</i>		Preservation Codes. D HNO3 N None	
City Joliet		TAT Requested (days)				Other:			
State, Zip IL, 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO #: 4502153835							
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)	Preservation Code:		Special Instructions/Note:	
T418	<i>G305</i>	<i>11/25/24</i>	<i>1028</i>		Water				
G398	<i>G465</i>	<i>11/25/24</i>	<i>1304</i>		Water				
	<i>T125</i>	<i>11/25/24</i>	<i>1358</i>						
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested I, II, III, IV, Other (specify) Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements									
Empty Kit Relinquished by		Date		Time		Method of Shipment.			
Relinquished by: <i>92</i>		Date/Time: <i>11/25/24 1505</i>		Company: <i>EETA</i>		Received by:		Date/Time	
Relinquished by:		Date/Time		Company		Received by:		Date/Time	
Relinquished by:		Date/Time		Company		Received by: <i>Denise K...</i>		Date/Time: <i>11/25/24 15:06</i>	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) <i>3.8 - 3.6</i> and Other Remarks					

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Noe L, Tristan B.</u>		Lab PM: Mockler, Diana J										
Client Contact: James Thorne		Phone:		E-Mail: Diana.Mockler@et.eurofins.com										
Company: Midwest Generation EME LLC		PWSID:		Analysis R: 500-260496 COC										
Address: 1800 Channahon Road		Due Date Requested:												
City: Joliet		TAT Requested (days):												
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No												
Phone:		PO #: 4502153835												
Email: james.thorne@nrg.com		WO #:												
Project Name: Joliet #9 CCR		Project #: 50011504		Job #: 500-260496										
Site: Illinois		SSOW#:		Preservation Codes: D HNO3, N None										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=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 - GPPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F, C, SM4500, Cl, E, SM4500, SO4_E	Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	D	D	D	N		
11	R008	6395	11/26/24	1028	Water			/	/	/	/	/	5	
12	R205	G445	11/26/24	1120	Water			/	/	/	/	/	5	
13	R023	G455	11/26/24	1256	Water			/	/	/	/	/	5	
14	G443	R325	11/26/24	1354	Water			/	/	/	/	/	5	
	G458				Water									
	G465				Water									
	G479				Water									
	G485				Water									
	T03S				Water									
	G308				Water									
	DUP				Water									
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: <u>[Signature]</u>			Date/Time: 11/26/24 1510		Company: EETA		Received by: <u>Stephen Hemminger</u>			Date/Time: 11/26/24 1510		Company: EETA		
Relinquished by:			Date/Time:		Company:		Received by:			Date/Time:		Company:		
Relinquished by:			Date/Time:		Company:		Received by:			Date/Time:		Company:		
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 2.2 → 2.1 480T										

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s).		COC No. 500-128919-50642 2					
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofins.com		State of Origin		Page 2 of 3					
Company: Midwest Generation EME LLC		PWSID		Analysis Requested						Job #: 500-260496			
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform HPLC/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_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: 500-260496 COC		PO #: 4502153835											
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)		Preservation Code		Special Instructions/Note:	
G31S		11/27/24		1014		Water		Water		D		5	
G33S		11/27/24		1234		Water		Water		D		5	
T01S		11/27/24		1414		Water		Water		D		5	
T02S		11/27/24		1414		Water		Water		D		5	
T04S						Water		Water		D			
T05S						Water		Water		D			
T06S						Water		Water		D			
T08S						Water		Water		D			
T09S						Water		Water		D			
T12S						Water		Water		D			
T13S						Water		Water		D			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by				Date		Time		Method of Shipment:					
Relinquished by: <i>[Signature]</i>		Date/Time: 11/27/24 1547		Company: EETA		Received by: <i>[Signature]</i>		Date/Time: 11/27/24 1547		Company: EETA			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 3.4 → 3.3									

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No. 500-128919-50842 1			
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofins.com		State of Origin.		Page Page 1 of 3			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-260496</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 GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E Total Number of Containers						Preservation Codes: D HNO3 N None	
City Joliet		TAT Requested (days)								Other	
State, Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No									
Phone 500-260496 COC		PO #: 4502153835									
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)		Special Instructions/Note:	
						Preservation Code					
<i>19</i> <i>20</i> R08S T09S		12/03/24		1143				Water		5	
G20S T06S		12/03/24		1328				Water		5	
R32S								Water			
G44S								Water			
G46S								Water			
G46S								Water			
G47S								Water			
G48S								Water			
T09S								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				Date		Time		Method of Shipment:			
Relinquished by: <i>[Signature]</i>				Date/Time 12/03/24 1510		Company EETA		Received by: <i>[Signature]</i> Date/Time 12/3/24 1510 Company EETA			
Relinquished by:				Date/Time		Company		Received by: Date/Time Company			
Relinquished by:				Date/Time		Company		Received by: Date/Time Company			
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>3.4 → 3.3 48QT</i>							

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		COC No: 500-128919-50642 2	
Client Contact: James Thorne		Phone:		E-Mail: Diana.Mockler@et.eurofins.com		Page: Page 2 of 3	
Company: Midwest Generation EME LLC		PWSID:		Analysis Req: 500-260496 COC		Job #: 500-260496	
Address: 1800 Channahon Road		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		Preservation Codes: D HNO3 N None	
City: Joliet		TAT Requested (days):					
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No					
Phone:		PO #: 4502153835					
Email: james.thorne@nrg.com		WO #:					
Project Name: Joliet #9 CCR		Project #: 50011504		Total Number of containers		Special Instructions/Note:	
Site: Illinois		SSOW#:					
Sample Identification		Sample Date					
Sample Time		Sample Type (C=Comp, G=grab)					
Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code:					
21 631S		12/04/24 1026		Water		5	
22 633S		12/04/24 1235		Water		5	
23 641S		12/04/24 1412		Water		5	
642S				Water			
645S				Water			
650S				Water			
665S				Water			
685S				Water			
696S				Water			
712S				Water			
713S				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		Date		Time		Method of Shipment:	
Relinquished by: <i>[Signature]</i>		Date/Time: 12/04/24 c 1555		Company: EETH		Received by: <i>[Signature]</i> Date/Time: 12/17/24 1535 Company: EETH	
Relinquished by:		Date/Time:		Company:		Received by: Date/Time: Company:	
Relinquished by:		Date/Time:		Company:		Received by: Date/Time: Company:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 3.1 → 3.0 48QT			

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260496-1

Login Number: 260496

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4,2.7,2.3, 3.8,2.1,3.3,3.3,3.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G20S

Date Collected: 11/20/24 10:31

Date Received: 11/20/24 14:44

Lab Sample ID: 500-260496-1

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:56
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:39
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:13
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 15:58
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:24
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:53
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/20/24 10:31

Client Sample ID: R08S

Date Collected: 11/20/24 13:23

Date Received: 11/20/24 14:44

Lab Sample ID: 500-260496-2

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:03
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798633	RN	EET CHI	12/09/24 13:42
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:15
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 16:14
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:31
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:59
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/20/24 13:23

Client Sample ID: G31S

Date Collected: 11/21/24 10:11

Date Received: 11/21/24 13:05

Lab Sample ID: 500-260496-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:06
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:44
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:17
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 16:30
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:37
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:04
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/21/24 10:11

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G33S

Date Collected: 11/21/24 11:31

Date Received: 11/21/24 13:05

Lab Sample ID: 500-260496-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:08
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:47
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:19
Total/NA	Analysis	300.0		5	798788	MM	EET CHI	12/11/24 16:45
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:39
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:09
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/21/24 11:31

Client Sample ID: G47S

Date Collected: 11/22/24 11:08

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:11
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798633	RN	EET CHI	12/09/24 13:49
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:21
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 17:01
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:42
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:14
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/22/24 11:08

Client Sample ID: G48S

Date Collected: 11/22/24 12:20

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:14
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798633	RN	EET CHI	12/09/24 13:52
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:23
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 17:16
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:44
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:30
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/22/24 12:20

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T13S

Date Collected: 11/22/24 14:00

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:16
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:59
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:30
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 17:32
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:47
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:35
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/22/24 14:00

Client Sample ID: G30S

Date Collected: 11/25/24 10:28

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-8

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:19
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 14:02
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:32
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 17:47
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:50
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:40
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/25/24 10:28

Client Sample ID: G46S

Date Collected: 11/25/24 13:04

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-9

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:21
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		10	798633	RN	EET CHI	12/09/24 14:05
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:34
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 18:34
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:52
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 16:45
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/25/24 13:04

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T12S

Date Collected: 11/25/24 13:58

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:24
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798633	RN	EET CHI	12/09/24 14:07
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:36
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 18:50
Total/NA	Analysis	SM 2540C		1	797033	CLB	EET CHI	11/26/24 03:55
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 17:02
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/25/24 13:58

Client Sample ID: G39S

Date Collected: 11/26/24 10:28

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:26
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 14:10
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:44
Total/NA	Analysis	300.0		5	798788	MM	EET CHI	12/11/24 19:05
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:39
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 17:06
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/26/24 10:28

Client Sample ID: G44S

Date Collected: 11/26/24 11:20

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 20:34
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 14:12
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:47
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 19:21
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:41
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 17:11
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/26/24 11:20

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: G45S

Date Collected: 11/26/24 12:56

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 15:18
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:32
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 08:49
Total/NA	Analysis	300.0		10	798928	MM	EET CHI	12/11/24 21:41
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:44
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 17:15
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/26/24 12:56

Client Sample ID: R32S

Date Collected: 11/26/24 13:54

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:20
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798895	RN	EET CHI	12/10/24 12:52
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:02
Total/NA	Analysis	300.0		20	798928	MM	EET CHI	12/11/24 22:28
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:46
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 15:57
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/26/24 13:54

Client Sample ID: T02S

Date Collected: 11/27/24 10:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:38
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:05
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:04
Total/NA	Analysis	300.0		20	798928	MM	EET CHI	12/11/24 22:44
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:49
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:07
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/27/24 10:14

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T08S

Date Collected: 11/27/24 12:34

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:40
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798895	RN	EET CHI	12/10/24 13:07
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:06
Total/NA	Analysis	300.0		20	798928	MM	EET CHI	12/11/24 22:59
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:52
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:15
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/27/24 12:34

Client Sample ID: T03S

Date Collected: 11/27/24 14:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:50
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:10
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:08
Total/NA	Analysis	300.0		10	798928	MM	EET CHI	12/11/24 23:15
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:54
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:27
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/27/24 14:14

Client Sample ID: T03S DUP

Date Collected: 11/27/24 14:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:53
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:12
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:11
Total/NA	Analysis	300.0		10	798928	MM	EET CHI	12/11/24 23:30
Total/NA	Analysis	SM 2540C		1	797494	CLB	EET CHI	12/02/24 00:57
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:31
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	11/27/24 14:14

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T09S

Date Collected: 12/03/24 11:43

Date Received: 12/03/24 15:10

Lab Sample ID: 500-260496-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:56
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:20
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:13
Total/NA	Analysis	300.0		20	798928	MM	EET CHI	12/12/24 00:17
Total/NA	Analysis	SM 2540C		1	797893	CLB	EET CHI	12/03/24 23:55
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:37
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	12/03/24 11:43

Client Sample ID: T06S

Date Collected: 12/03/24 13:28

Date Received: 12/03/24 15:10

Lab Sample ID: 500-260496-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 14:58
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:22
Total/NA	Prep	7470A			799155	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 09:15
Total/NA	Analysis	300.0		5	798928	MM	EET CHI	12/12/24 00:33
Total/NA	Analysis	SM 2540C		1	797893	CLB	EET CHI	12/04/24 00:03
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:45
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	12/03/24 13:28

Client Sample ID: T01S

Date Collected: 12/04/24 10:26

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 15:01
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		5	798895	RN	EET CHI	12/10/24 13:25
Total/NA	Prep	7470A			799156	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 07:16
Total/NA	Analysis	300.0		20	798928	MM	EET CHI	12/12/24 00:49
Total/NA	Analysis	SM 2540C		1	798297	CLB	EET CHI	12/06/24 01:52
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 16:54
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	12/04/24 10:26

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Client Sample ID: T11S

Date Collected: 12/04/24 12:35

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 15:08
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798895	RN	EET CHI	12/10/24 13:27
Total/NA	Prep	7470A			799156	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 07:18
Total/NA	Analysis	300.0		10	798928	MM	EET CHI	12/12/24 01:04
Total/NA	Analysis	SM 2540C		1	798297	CLB	EET CHI	12/06/24 01:59
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 17:13
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	12/04/24 12:35

Client Sample ID: T05S

Date Collected: 12/04/24 14:12

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798723	RN	EET CHI	12/09/24 15:11
Total Recoverable	Prep	3005A			798277	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		10	798895	RN	EET CHI	12/10/24 13:30
Total/NA	Prep	7470A			799156	MJG	EET CHI	12/12/24 10:45 - 12/12/24 12:45 ¹
Total/NA	Analysis	7470A		1	799341	MJG	EET CHI	12/13/24 07:20
Total/NA	Analysis	300.0		5	798928	MM	EET CHI	12/12/24 01:20
Total/NA	Analysis	300.0		50	799158	MB	EET CHI	12/12/24 18:55
Total/NA	Analysis	SM 2540C		1	798297	CLB	EET CHI	12/06/24 02:05
Total/NA	Analysis	SM 4500 F C		1	799149	SO	EET CHI	12/11/24 17:38
Total/NA	Analysis	Field Sampling		1	796759	JVB	EET CHI	12/04/24 14:12

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, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q24

Job ID: 500-260496-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	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: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-1

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

PURGING INFORMATION

Purge Date: 11/20/24 Start Purge: 1013 End Purge: 1031
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.49 7.51 7.51 (std.)
Ref. Measuring Pt. TIC SC 711 710 710 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 15.26 15.29 15.29 (°C)
Water Level 60.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 520.17 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 46°F, Mostly Sunny, SW winds @ 5-10 mph
Turbidity: 0.77 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 60.62 - 2.78 = 57.84 (ft.)
Levels were taken on 11/20/24 @ 1003

(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: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-2

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

PURGING INFORMATION

Purge Date: 11/20/24 Start Purge: 1308 End Purge: 1323
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 7.88 7.86 7.86 (std.)
Ref. Measuring Pt. TIC SC 1066 1070 1070 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 12.51 12.52 12.52 (°C)
Water Level 73.30 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.34 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 48°F, Mostly Cloudy, SW winds e 5-10 mph
Turbidity: 0.41 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.30 - 2.55 = 70.75 (ft.)
Levels were taken on 11/20/24 @ 1303

(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: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260490-3

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: 11/21/24 Start Purge: 0954 End Purge: 1011
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.23 7.24 7.24 (std.)
Ref. Measuring Pt. TIC SC 1730 1740 1740 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 12.27 12.41 12.41 (°C)
Water Level 30.75 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.92 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 32°F, Light Snow, W winds e 5-10 mph
Turbidity: 0.62 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 30.75 - 2.58 = 28.17 (ft.)
Levels were taken on 11/21/24 @ 0945

(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: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-4

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: 11/21/24 Start Purge: 1110 End Purge: 1131
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.54

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.49 7.50 7.50 (std.)
Ref. Measuring Pt. TIC SC 735 737 737 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 10.73 10.80 10.80 (°C)
Water Level 34.71 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.96 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 32°F, Snow, W winds e 5-10 mph
Turbidity: 83.90 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 34.71 - 1.73 = 32.98 (ft.)
Levels were taken on 11/21/24 @ 1100

(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 #: 500-200496-5

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: 11/22/24 Start Purge: 1050 End Purge: 1108
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 8.43 8.44 8.44 (std.)
Ref. Measuring Pt. TIC SC 1600 1600 1600 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 11.39 11.39 11.39 (°C)
Water Level 94.99 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.17 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 45°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 0.77 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.99 - 2.50 = 92.49 (ft.)
Levels were taken on 11/22/24 @ 1045

(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: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-6

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

PURGING INFORMATION

Purge Date: 11/22/24 Start Purge: 1202 End Purge: 1220
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 7.76 7.74 7.74 (std.)
Ref. Measuring Pt. TIC SC 1530 1520 1520 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 11.76 11.76 11.76 (°C)
Water Level 105.00 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 515.73 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 46°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 0.88 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 105.00 - 2.45 = 102.55 (ft.)
Levels were taken on 11/22/24 @ 1157

(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: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-7

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: 11/22/24 Start Purge: 1350 End Purge: 1400
(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 2.76 (ft) pH 7.43 7.42 7.42 (std.)
Ref. Measuring Pt. TIC SC 962 964 964 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 13.68 13.65 13.65 (°C)
Water Level 20.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.75 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 46°F, Cloudy, NW winds e 0-5 mph
Turbidity: 4.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.58 - 2.76 = 17.82 (ft.)
Levels were taken on 11/22/24 @ 1345.
* 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: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-8

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: 11/25/24 Start Purge: 1010 End Purge: 1028
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.74 7.75 7.75 (std.)
Ref. Measuring Pt. TIC SC 1960 1950 1950 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 11.28 11.28 11.28 (°C)
Water Level 1.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.99 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 52°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity: 0.88 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.79 - 2.31 = -0.52 (ft.)
Levels were taken on 11/25/24 @ 1000

(Updated 10/23/2024)

Sampler Name (Print): Noc 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: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-9

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

PURGING INFORMATION

Purge Date: 11/25/24 Start Purge: 1250 End Purge: 1304
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.52 7.53 7.53 (std.)
Ref. Measuring Pt. TIC SC 1357 1355 1355 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 12.52 12.52 12.52 (°C)
Water Level 108.72 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 492.60 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 51°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 59.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 108.72 - 2.70 = 106.02 (ft.)
Levels were taken on 11/25/24 @ 1245

(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 #: 500-260496-10

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: 11/25/24 Start Purge: 1346 End Purge: 1358
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches)
Stick Up 2.74 (ft)
Ref. Measuring Pt. TIC
Well Elevation * 578.73 (ft./msl)
Water Level 77.14 (ft.)
Ground Water Elev. 501.59 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

	1st	2nd	Final
pH ^{W.L.} <u>7.48</u>	<u>7.47</u>	<u>7.47</u>	(std.)
SC <u>1045</u>	<u>1048</u>	<u>1048</u>	(umhos/cm)
Temp. <u>12.33</u>	<u>12.33</u>	<u>12.33</u>	(°C)

Well Stabilization / Recharge Grid

COMMENTS

Sample Appearance/Odor: Dark Tan, Moderate Turbidity, No Odor
Weather Conditions: 50°F, Cloudy, NW winds e 5-10 mph
Turbidity: 80.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 77.14 - 2.74 = 74.40 (ft.)
Levels were taken on 11/25/24 @ 1341
* 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: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-11

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: 11/26/24 Start Purge: 1010 End Purge: 1028
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.19 7.21 7.21 (std.)
Ref. Measuring Pt. TIC SC 739 740 740 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 10.17 10.18 10.18 (°C)
Water Level 99.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.95 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 32°F, Sunny, W winds 0-5 mph
Turbidity 3.67 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 99.79 - 2.08 = 97.71 (ft.)
Levels were taken on 11/26/24 @ 1000

(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: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-12

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: 11/26/24 Start Purge: 1105 End Purge: 1120
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.13 7.14 7.14 (std.)
Ref. Measuring Pt. TIC SC 1133 1136 1136 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 11.49 11.49 11.49 (°C)
Water Level 85.84 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.78 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 34°F, Mostly Sunny, W winds E 5-10 mph
Turbidity: 57.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 85.84 - 2.18 = 83.66 (ft.)
Levels were taken on 11/26/24 @ 1100

(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: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-13

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

PURGING INFORMATION

Purge Date: 11/26/24 Start Purge: 1240 End Purge: 1256
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.31 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1132 1138 1138 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 13.32 13.28 13.28 (°C)
Water Level 64.57 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.24 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 36°F, Sunny, W winds @ 0-5 mph
Turbidity: 1.75 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 64.57 - 2.97 = 61.60 (ft.)
Levels were taken on 11/26/24 @ 1235.

(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 #: 500-2104916-14

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: 11/26/24 Start Purge: 1335 End Purge: 1354
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.57 7.57 7.57 (std.)
Ref. Measuring Pt. TIC SC 992 993 993 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 11.69 11.75 11.75 (°C)
Water Level 24.88 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 512.16 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 37°F, Sunny, SW winds e 0-5 mph
Turbidity: 2.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 24.88 - 2.03 = 22.85 (ft.)
Levels were taken on 11/26/24 @ 1330

(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 #: 500-210491e-15

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

PURGING INFORMATION

Purge Date: 11/27/24 Start Purge: 0955 End Purge: 1014
(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 7.65 7.64 7.64 (std.)
Ref. Measuring Pt. TIC SC 1053 1049 1049 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 10.59 10.58 10.58 (°C)
Water Level 137.72 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.42 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 40°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 179.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 137.72 - 2.33 = 135.39 (ft.)
Levels were taken on 11/27/24 @ 0940
* 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 #: 500-262496-16

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: 11/27/24 Start Purge: 1212 End Purge: 1234
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.57 8.37 8.37 (std.)
Ref. Measuring Pt. TIC SC 1380 1373 1373 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 10.48 10.47 10.47 (°C)
Water Level 132.52 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 494.91 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 43°F, Cloudy, SE winds @ 0-5 mph
Turbidity: 1.29 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 132.52 - 2.38 = 130.14 (ft.)
Levels were taken on 11/27/24 @ 1157
* Total Deth = 180.00

(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: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 502-260496-17

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

PURGING INFORMATION

Purge Date: 11/27/24 Start Purge: 1356 End Purge: 1414
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.52 7.52 7.52 (std.)
Ref. Measuring Pt. TIC SC 1153 1160 1160 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 11.80 11.81 11.81 (°C)
Water Level 141.54 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.19 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, clear, No Odor
Weather Conditions: 43°F, Cloudy, E winds @ 0-5 mph
Turbidity: 0.99 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 141.54 - 3.08 = 138.46 (ft.)
Levels were taken on 11/27/24 @ 1351
* 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: T03S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-18

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

PURGING INFORMATION

Purge Date: 11/27/24 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 3.08 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity: NTU
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____
* Total Depth = 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: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-19

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

PURGING INFORMATION

Purge Date: 12/03/24 Start Purge: 1125 End Purge: 1143
(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 7.78 7.80 7.80 (std.)
Ref. Measuring Pt. TIC SC 1174 1176 1176 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 9.34 9.35 9.35 (°C)
Water Level 110.78 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 492.71 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 27°F, Sunny, SW winds e 0-5 mph
Turbidity: 18.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 110.78 - 2.40 = 108.38 (ft.)
Levels were taken on 12/03/24 @ 1110
* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noc 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 #: 500-260496-20

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

PURGING INFORMATION

Purge Date: 12/03/24 Start Purge: 1313 End Purge: 1328
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.35 7.34 7.34 (std.)
Ref. Measuring Pt. TIC SC 785 778 778 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 7.90 7.89 7.89 (°C)
Water Level 119.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.43 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 29°F Partly Sunny, SW winds e 5-10 mph
Turbidity: 0.54 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 119.62 - 2.30 = 117.32 (ft.)
Levels were taken on 12/03/24 @ 1258
* 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: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2604910-21

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1010 End Purge: 1026
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.74 7.75 7.75 (std.)
Ref. Measuring Pt. TIC SC 1464 1467 1467 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 5.85 5.85 5.85 (°C)
Water Level 126.06 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.77 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, High Turbidity, Slight Odor
Weather Conditions: 36°F, Sunny, SW winds 5-10 mph
Turbidity: 355.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.06 - 2.48 = 123.58 (ft)
Levels were taken on 12/04/24 @ 0955.
* Total Depth = 170.00

(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: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2604910-22

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1215 End Purge: 1235
(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 7.77 7.76 7.76 (std.)
Ref. Measuring Pt. TIC SC 937 933 933 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 10.67 10.67 10.67 (°C)
Water Level 76.23 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 483.17 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 36°F, Cloudy, W winds e 5-10 mph
Turbidity 28.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 76.23 - 2.74 = 73.49 (ft.)
Levels were taken on 12/04/24 @ 1200
* Total Depth: 113.76

(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: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2104910-23

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1355 End Purge: 1412
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 8.70 8.71 8.71 (std.)
Ref. Measuring Pt. TIC SC 2320 2320 2320 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 6.76 6.76 6.76 (°C)
Water Level 126.32 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.09 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 40°F, Cloudy, W winds e 5-10 mph
Turbidity: 3.72 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.32 - 2.40 = 123.92 (ft.)
Levels were taken on 12/04/24 @ 1340
* Total Deth = 175.00

(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 1/9/2025 6:17:43 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR (RAD) 4Q24

JOB NUMBER

500-260496-2

Eurofins Chicago

Job Notes

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Authorization



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Authorized for release by
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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Job ID: 500-260496-2

Eurofins Chicago

Job Narrative 500-260496-2

Receipt

The samples were received on 11/20/24 14:44. 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 1.4° C, 2.1° C, 2.3° C, 2.7° C, 3.0° C, 3.3° C, 3.3° C and 3.8° C.

RAD

Method 904.0: Radium-228 prep batch 160-691391:

The MDC for the following sample is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. G30S (500-260496-8)

Methods 904.0, 9320: Radium-228 prep batch 160-691391:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: T12S (500-260496-10) . Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 Prep Batch 160-694363:

The laboratory control sample (LCS) associated with the following samples recovered at 145%: G39S (500-260496-11), G44S (500-260496-12), G45S (500-260496-13), R32S (500-260496-14), T02S (500-260496-15), T08S (500-260496-16), T03S (500-260496-17), T03S DUP (500-260496-18), T09S (500-260496-19), T06S (500-260496-20) and (500-260496-D-12-B DU). The limits in our LIMS system at (75-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However, the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (74-146%). The LCS is within criteria and no further action is required.

Method 904.0: Radium-228 Prep Batch 160-694363:

The detection goal was not met for the following sample due to insufficient sample available for analysis: T02S (500-260496-15). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 Prep Batch 160-694363:

The detection goal was not met for the following sample due to the reduction of sample size required by the presence of matrix interferences (discoloration, turbidity): T02S (500-260496-15). Analytical results are reported with the detection limit achieved.

Methods 904.0, 9320: Radium-228 prep batch 160-692619:

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: T01S (500-260496-21) and T05S (500-260496-23) . Analytical results are reported with the detection limit achieved.

Method PrecSep_0: Radium-228 prep batch 160-692619

Insufficient sample volume was available to perform a sample duplicate for the following sample: T11S (500-260496-22). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method PrecSep-21: Radium-226 prep batch 160-692618

Insufficient sample volume was available to perform a sample duplicate for the following sample: T11S (500-260496-22). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

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) 4Q24

Job ID: 500-260496-2

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) 4Q24

Job ID: 500-260496-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-260496-1	G20S	GW	11/20/24 10:31	11/20/24 14:44
500-260496-2	R08S	GW	11/20/24 13:23	11/20/24 14:44
500-260496-3	G31S	Water	11/21/24 10:11	11/21/24 13:05
500-260496-4	G33S	Water	11/21/24 11:31	11/21/24 13:05
500-260496-5	G47S	Water	11/22/24 11:08	11/22/24 15:12
500-260496-6	G48S	Water	11/22/24 12:20	11/22/24 15:12
500-260496-7	T13S	Water	11/22/24 14:00	11/22/24 15:12
500-260496-8	G30S	GW	11/25/24 10:28	11/25/24 15:06
500-260496-9	G46S	GW	11/25/24 13:04	11/25/24 15:06
500-260496-10	T12S	Water	11/25/24 13:58	11/25/24 15:06
500-260496-11	G39S	Water	11/26/24 10:28	11/26/24 15:10
500-260496-12	G44S	Water	11/26/24 11:20	11/26/24 15:10
500-260496-13	G45S	Water	11/26/24 12:56	11/26/24 15:10
500-260496-14	R32S	Water	11/26/24 13:54	11/26/24 15:10
500-260496-15	T02S	Water	11/27/24 10:14	11/27/24 15:47
500-260496-16	T08S	Water	11/27/24 12:34	11/27/24 15:47
500-260496-17	T03S	Water	11/27/24 14:14	11/27/24 15:47
500-260496-18	T03S DUP	Water	11/27/24 14:14	11/27/24 15:47
500-260496-19	T09S	Water	12/03/24 11:43	12/03/24 15:10
500-260496-20	T06S	Water	12/03/24 13:28	12/03/24 15:10
500-260496-21	T01S	Water	12/04/24 10:26	12/04/24 15:55
500-260496-22	T11S	Water	12/04/24 12:35	12/04/24 15:55
500-260496-23	T05S	Water	12/04/24 14:12	12/04/24 15:55

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G20S

Lab Sample ID: 500-260496-1

Date Collected: 11/20/24 10:31

Matrix: GW

Date Received: 11/20/24 14:44

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.12		0.208	0.231	1.00	0.124	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					11/27/24 08:06	12/23/24 06:58	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	0.892		0.458	0.465	1.00	0.644	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	75.1		30 - 110					11/27/24 08:14	12/17/24 11:27	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	2.01		0.503	0.519	5.00	0.644	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: R08S

Lab Sample ID: 500-260496-2

Date Collected: 11/20/24 13:23

Matrix: GW

Date Received: 11/20/24 14:44

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.576		0.156	0.164	1.00	0.121	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					11/27/24 08:06	12/23/24 06:58	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	0.853		0.455	0.461	1.00	0.640	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	78.1		30 - 110					11/27/24 08:14	12/17/24 11:27	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.43		0.481	0.489	5.00	0.640	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G31S

Lab Sample ID: 500-260496-3

Date Collected: 11/21/24 10:11

Matrix: Water

Date Received: 11/21/24 13:05

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	1.98		0.295	0.344	1.00	0.175	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					11/27/24 08:06	12/23/24 06:58	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	1.87		0.604	0.628	1.00	0.758	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	80.4		30 - 110					11/27/24 08:14	12/17/24 11:27	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	3.85		0.672	0.716	5.00	0.758	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G33S

Lab Sample ID: 500-260496-4

Date Collected: 11/21/24 11:31

Matrix: Water

Date Received: 11/21/24 13:05

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	0.466		0.175	0.180	1.00	0.181	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					11/27/24 08:06	12/23/24 06:58	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	<0.836	U	0.336	0.340	1.00	0.836	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	80.7		30 - 110					11/27/24 08:14	12/17/24 11:27	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	<0.836	U	0.379	0.385	5.00	0.836	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G47S

Lab Sample ID: 500-260496-5

Date Collected: 11/22/24 11:08

Matrix: Water

Date Received: 11/22/24 15:12

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	0.647		0.180	0.189	1.00	0.159	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					11/27/24 08:06	12/23/24 06:58	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	<0.652	U	0.347	0.347	1.00	0.652	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	83.7		30 - 110					11/27/24 08:14	12/17/24 11:27	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	<0.652	U	0.391	0.395	5.00	0.652	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G48S

Lab Sample ID: 500-260496-6

Date Collected: 11/22/24 12:20

Matrix: Water

Date Received: 11/22/24 15:12

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	0.949		0.191	0.209	1.00	0.123	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					11/27/24 08:06	12/23/24 06:58	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	1.12		0.447	0.459	1.00	0.582	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	80.4		30 - 110					11/27/24 08:14	12/17/24 11:27	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	2.06		0.486	0.504	5.00	0.582	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T13S

Lab Sample ID: 500-260496-7

Date Collected: 11/22/24 14:00

Matrix: Water

Date Received: 11/22/24 15:12

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	0.736		0.170	0.183	1.00	0.136	pCi/L	11/27/24 08:06	12/23/24 06:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.4		30 - 110					11/27/24 08:06	12/23/24 06:58	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	<0.586	U	0.389	0.392	1.00	0.586	pCi/L	11/27/24 08:14	12/17/24 11:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.4		30 - 110					11/27/24 08:14	12/17/24 11:27	1
Y Carrier	81.1		30 - 110					11/27/24 08:14	12/17/24 11:27	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	1.32		0.425	0.433	5.00	0.586	pCi/L		12/27/24 13:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G30S

Lab Sample ID: 500-260496-8

Date Collected: 11/25/24 10:28

Matrix: GW

Date Received: 11/25/24 15:06

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	0.839		0.177	0.192	1.00	0.122	pCi/L	12/02/24 08:05	12/26/24 16:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					12/02/24 08:05	12/26/24 16:31	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.78	G	0.766	0.784	1.00	1.04	pCi/L	12/02/24 08:10	12/18/24 14:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					12/02/24 08:10	12/18/24 14:48	1
Y Carrier	73.3		30 - 110					12/02/24 08:10	12/18/24 14:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.62		0.786	0.807	5.00	1.04	pCi/L		01/09/25 16:39	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G46S

Lab Sample ID: 500-260496-9

Date Collected: 11/25/24 13:04

Matrix: GW

Date Received: 11/25/24 15:06

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	1.07		0.195	0.217	1.00	0.117	pCi/L	12/02/24 08:05	12/26/24 16:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					12/02/24 08:05	12/26/24 16:31	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.49		0.654	0.668	1.00	0.866	pCi/L	12/02/24 08:10	12/18/24 14:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					12/02/24 08:10	12/18/24 14:48	1
Y Carrier	75.9		30 - 110					12/02/24 08:10	12/18/24 14:48	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	2.56		0.682	0.702	5.00	0.866	pCi/L		01/09/25 16:39	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T12S

Lab Sample ID: 500-260496-10

Date Collected: 11/25/24 13:58

Matrix: Water

Date Received: 11/25/24 15:06

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	1.81		0.347	0.383	1.00	0.180	pCi/L	12/02/24 08:05	12/26/24 16:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					12/02/24 08:05	12/26/24 16:31	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.48	U G	0.823	0.823	1.00	1.48	pCi/L	12/02/24 08:10	12/18/24 14:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					12/02/24 08:10	12/18/24 14:49	1
Y Carrier	81.1		30 - 110					12/02/24 08:10	12/18/24 14:49	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.08		0.893	0.908	5.00	1.48	pCi/L		01/09/25 16:39	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G39S

Lab Sample ID: 500-260496-11

Date Collected: 11/26/24 10:28

Matrix: Water

Date Received: 11/26/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.414		0.121	0.126	1.00	0.0992	pCi/L	12/18/24 14:02	01/09/25 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		30 - 110					12/18/24 14:02	01/09/25 08:01	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.661	U	0.433	0.436	1.00	0.661	pCi/L	12/18/24 14:13	12/27/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		30 - 110					12/18/24 14:13	12/27/24 11:44	1
Y Carrier	79.6		30 - 110					12/18/24 14:13	12/27/24 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.01		0.450	0.454	5.00	0.661	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G44S

Lab Sample ID: 500-260496-12

Date Collected: 11/26/24 11:20

Matrix: Water

Date Received: 11/26/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.598		0.140	0.150	1.00	0.0973	pCi/L	12/18/24 14:02	01/09/25 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					12/18/24 14:02	01/09/25 08:01	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.803		0.470	0.475	1.00	0.687	pCi/L	12/18/24 14:13	12/27/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					12/18/24 14:13	12/27/24 11:44	1
Y Carrier	77.0		30 - 110					12/18/24 14:13	12/27/24 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.40		0.490	0.498	5.00	0.687	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G45S

Lab Sample ID: 500-260496-13

Date Collected: 11/26/24 12:56

Matrix: Water

Date Received: 11/26/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.29		0.198	0.229	1.00	0.0995	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					12/18/24 14:02	01/09/25 08:03	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.01		0.468	0.477	1.00	0.636	pCi/L	12/18/24 14:13	12/27/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					12/18/24 14:13	12/27/24 11:44	1
Y Carrier	77.8		30 - 110					12/18/24 14:13	12/27/24 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.30		0.508	0.529	5.00	0.636	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: R32S

Lab Sample ID: 500-260496-14

Date Collected: 11/26/24 13:54

Matrix: Water

Date Received: 11/26/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.25		0.195	0.225	1.00	0.0946	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					12/18/24 14:02	01/09/25 08:03	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	0.832		0.436	0.443	1.00	0.615	pCi/L	12/18/24 14:13	12/27/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					12/18/24 14:13	12/27/24 11:44	1
Y Carrier	77.4		30 - 110					12/18/24 14:13	12/27/24 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.08		0.478	0.497	5.00	0.615	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T02S

Lab Sample ID: 500-260496-15

Date Collected: 11/27/24 10:14

Matrix: Water

Date Received: 11/27/24 15:47

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	0.977		0.231	0.247	1.00	0.124	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.5		30 - 110					12/18/24 14:02	01/09/25 08:03	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	<1.16	U G	0.750	0.756	1.00	1.16	pCi/L	12/18/24 14:13	12/27/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.5		30 - 110					12/18/24 14:13	12/27/24 11:44	1
Y Carrier	80.7		30 - 110					12/18/24 14:13	12/27/24 11:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.94		0.785	0.795	5.00	1.16	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T08S

Lab Sample ID: 500-260496-16

Date Collected: 11/27/24 12:34

Matrix: Water

Date Received: 11/27/24 15:47

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	0.296		0.104	0.107	1.00	0.0964	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					12/18/24 14:02	01/09/25 08:03	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	<0.668	U	0.370	0.370	1.00	0.668	pCi/L	12/18/24 14:13	12/27/24 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					12/18/24 14:13	12/27/24 11:47	1
Y Carrier	74.8		30 - 110					12/18/24 14:13	12/27/24 11:47	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	<0.668	U	0.384	0.385	5.00	0.668	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T03S

Lab Sample ID: 500-260496-17

Date Collected: 11/27/24 14:14

Matrix: Water

Date Received: 11/27/24 15:47

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	0.644		0.147	0.158	1.00	0.108	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					12/18/24 14:02	01/09/25 08:03	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	<0.535	U	0.338	0.340	1.00	0.535	pCi/L	12/18/24 14:13	12/27/24 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					12/18/24 14:13	12/27/24 11:47	1
Y Carrier	79.6		30 - 110					12/18/24 14:13	12/27/24 11:47	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	1.01		0.369	0.375	5.00	0.535	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T03S DUP

Lab Sample ID: 500-260496-18

Date Collected: 11/27/24 14:14

Matrix: Water

Date Received: 11/27/24 15:47

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	0.488		0.125	0.133	1.00	0.0992	pCi/L	12/18/24 14:02	01/09/25 08:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					12/18/24 14:02	01/09/25 08:03	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	<0.536	U	0.337	0.338	1.00	0.536	pCi/L	12/18/24 14:13	12/27/24 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					12/18/24 14:13	12/27/24 11:47	1
Y Carrier	83.4		30 - 110					12/18/24 14:13	12/27/24 11:47	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	0.845		0.359	0.363	5.00	0.536	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T09S

Lab Sample ID: 500-260496-19

Date Collected: 12/03/24 11:43

Matrix: Water

Date Received: 12/03/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.35		0.200	0.234	1.00	0.0874	pCi/L	12/18/24 14:02	01/09/25 09:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					12/18/24 14:02	01/09/25 09:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.20		0.456	0.470	1.00	0.571	pCi/L	12/18/24 14:13	12/27/24 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					12/18/24 14:13	12/27/24 11:47	1
Y Carrier	77.0		30 - 110					12/18/24 14:13	12/27/24 11:47	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	2.55		0.498	0.525	5.00	0.571	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T06S

Lab Sample ID: 500-260496-20

Date Collected: 12/03/24 13:28

Matrix: Water

Date Received: 12/03/24 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.11		0.195	0.219	1.00	0.107	pCi/L	12/18/24 14:02	01/09/25 09:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/18/24 14:02	01/09/25 09:01	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.774		0.484	0.489	1.00	0.709	pCi/L	12/18/24 14:13	12/27/24 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/18/24 14:13	12/27/24 11:47	1
Y Carrier	73.6		30 - 110					12/18/24 14:13	12/27/24 11:47	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	1.89		0.522	0.536	5.00	0.709	pCi/L		01/09/25 16:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T01S

Lab Sample ID: 500-260496-21

Date Collected: 12/04/24 10:26

Matrix: Water

Date Received: 12/04/24 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.42		0.417	0.436	1.00	0.344	pCi/L	12/09/24 09:23	01/04/25 12:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.1		30 - 110					12/09/24 09:23	01/04/25 12:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.98	U G	1.17	1.17	1.00	1.98	pCi/L	12/09/24 09:28	12/30/24 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.1		30 - 110					12/09/24 09:28	12/30/24 13:55	1
Y Carrier	78.1		30 - 110					12/09/24 09:28	12/30/24 13:55	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	2.21		1.24	1.25	5.00	1.98	pCi/L		01/08/25 09:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T11S

Lab Sample ID: 500-260496-22

Date Collected: 12/04/24 12:35

Matrix: Water

Date Received: 12/04/24 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.319		0.155	0.158	1.00	0.202	pCi/L	12/09/24 09:23	01/04/25 12:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					12/09/24 09:23	01/04/25 12:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.623	U	0.409	0.411	1.00	0.623	pCi/L	12/09/24 09:28	12/30/24 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					12/09/24 09:28	12/30/24 13:55	1
Y Carrier	76.3		30 - 110					12/09/24 09:28	12/30/24 13:55	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	0.825		0.437	0.440	5.00	0.623	pCi/L		01/08/25 09:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T05S

Lab Sample ID: 500-260496-23

Date Collected: 12/04/24 14:12

Matrix: Water

Date Received: 12/04/24 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.281		0.156	0.158	1.00	0.196	pCi/L	12/09/24 09:23	01/04/25 12:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.4		30 - 110					12/09/24 09:23	01/04/25 12:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.18	U G	0.718	0.720	1.00	1.18	pCi/L	12/09/24 09:28	12/30/24 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.4		30 - 110					12/09/24 09:28	12/30/24 13:55	1
Y Carrier	81.1		30 - 110					12/09/24 09:28	12/30/24 13:55	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	<1.18	U	0.735	0.737	5.00	1.18	pCi/L		01/08/25 09:24	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

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) 4Q24

Job ID: 500-260496-2

Rad

Prep Batch: 690768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	PrecSep-21	
500-260496-2	R08S	Total/NA	GW	PrecSep-21	
500-260496-3	G31S	Total/NA	Water	PrecSep-21	
500-260496-4	G33S	Total/NA	Water	PrecSep-21	
500-260496-5	G47S	Total/NA	Water	PrecSep-21	
500-260496-6	G48S	Total/NA	Water	PrecSep-21	
500-260496-7	T13S	Total/NA	Water	PrecSep-21	
MB 160-690768/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-690768/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 690769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-1	G20S	Total/NA	GW	PrecSep_0	
500-260496-2	R08S	Total/NA	GW	PrecSep_0	
500-260496-3	G31S	Total/NA	Water	PrecSep_0	
500-260496-4	G33S	Total/NA	Water	PrecSep_0	
500-260496-5	G47S	Total/NA	Water	PrecSep_0	
500-260496-6	G48S	Total/NA	Water	PrecSep_0	
500-260496-7	T13S	Total/NA	Water	PrecSep_0	
MB 160-690769/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-690769/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 691387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-8	G30S	Total/NA	GW	PrecSep-21	
500-260496-9	G46S	Total/NA	GW	PrecSep-21	
500-260496-10	T12S	Total/NA	Water	PrecSep-21	
MB 160-691387/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-691387/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 691391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-8	G30S	Total/NA	GW	PrecSep_0	
500-260496-9	G46S	Total/NA	GW	PrecSep_0	
500-260496-10	T12S	Total/NA	Water	PrecSep_0	
MB 160-691391/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-691391/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 692618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-21	T01S	Total/NA	Water	PrecSep-21	
500-260496-22	T11S	Total/NA	Water	PrecSep-21	
500-260496-23	T05S	Total/NA	Water	PrecSep-21	
MB 160-692618/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-692618/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-692618/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 692619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-21	T01S	Total/NA	Water	PrecSep_0	
500-260496-22	T11S	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Rad (Continued)

Prep Batch: 692619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-23	T05S	Total/NA	Water	PrecSep_0	
MB 160-692619/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-692619/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-692619/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 694360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-11	G39S	Total/NA	Water	PrecSep-21	
500-260496-12	G44S	Total/NA	Water	PrecSep-21	
500-260496-13	G45S	Total/NA	Water	PrecSep-21	
500-260496-14	R32S	Total/NA	Water	PrecSep-21	
500-260496-15	T02S	Total/NA	Water	PrecSep-21	
500-260496-16	T08S	Total/NA	Water	PrecSep-21	
500-260496-17	T03S	Total/NA	Water	PrecSep-21	
500-260496-18	T03S DUP	Total/NA	Water	PrecSep-21	
500-260496-19	T09S	Total/NA	Water	PrecSep-21	
500-260496-20	T06S	Total/NA	Water	PrecSep-21	
MB 160-694360/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-694360/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-260496-12 DU	G44S	Total/NA	Water	PrecSep-21	

Prep Batch: 694363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260496-11	G39S	Total/NA	Water	PrecSep_0	
500-260496-12	G44S	Total/NA	Water	PrecSep_0	
500-260496-13	G45S	Total/NA	Water	PrecSep_0	
500-260496-14	R32S	Total/NA	Water	PrecSep_0	
500-260496-15	T02S	Total/NA	Water	PrecSep_0	
500-260496-16	T08S	Total/NA	Water	PrecSep_0	
500-260496-17	T03S	Total/NA	Water	PrecSep_0	
500-260496-18	T03S DUP	Total/NA	Water	PrecSep_0	
500-260496-19	T09S	Total/NA	Water	PrecSep_0	
500-260496-20	T06S	Total/NA	Water	PrecSep_0	
MB 160-694363/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-694363/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-260496-12 DU	G44S	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-690768/1-A

Matrix: Water

Analysis Batch: 695150

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 690768

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.145	U	0.0650	0.0650	1.00	0.145	pCi/L	11/27/24 08:06	12/23/24 06:48	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					11/27/24 08:06	12/23/24 06:48	1

Lab Sample ID: LCS 160-690768/2-A

Matrix: Water

Analysis Batch: 695150

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 690768

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	10.36		1.12	1.00	0.162	pCi/L	108	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	84.8		30 - 110							

Lab Sample ID: MB 160-691387/1-A

Matrix: Water

Analysis Batch: 695377

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 691387

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.116	U	0.0777	0.0781	1.00	0.116	pCi/L	12/02/24 08:05	12/26/24 15:43	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:05	12/26/24 15:43	1

Lab Sample ID: LCS 160-691387/2-A

Matrix: Water

Analysis Batch: 695377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 691387

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.998		0.973	1.00	0.106	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.0		30 - 110							

Lab Sample ID: MB 160-692618/1-A

Matrix: Water

Analysis Batch: 696788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 692618

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.117	U	0.0552	0.0552	1.00	0.117	pCi/L	12/09/24 09:23	01/04/25 12:47	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

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

Lab Sample ID: MB 160-692618/1-A
Matrix: Water
Analysis Batch: 696788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692618

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	94.2		30 - 110

Prepared	Analyzed	Dil Fac
12/09/24 09:23	01/04/25 12:47	1

Lab Sample ID: LCS 160-692618/2-A
Matrix: Water
Analysis Batch: 696788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692618

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.002		0.990	1.00	0.130	pCi/L	94	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	92.5		30 - 110

Lab Sample ID: LCSD 160-692618/3-A
Matrix: Water
Analysis Batch: 696788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 692618

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	9.58	8.813		0.979	1.00	0.171	pCi/L	92	75 - 125	0.1	1

	LCSD	LCSD	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	90.5		30 - 110

Lab Sample ID: MB 160-694360/1-A
Matrix: Water
Analysis Batch: 697517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 694360

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.0849	U	0.0379	0.0379	1.00	0.0849	pCi/L	12/18/24 14:02	01/09/25 07:59	1

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	99.0		30 - 110

Prepared	Analyzed	Dil Fac
12/18/24 14:02	01/09/25 07:59	1

Lab Sample ID: LCS 160-694360/2-A
Matrix: Water
Analysis Batch: 697517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 694360

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	10.05		1.06	1.00	0.106	pCi/L	105	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	83.6		30 - 110

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

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

Lab Sample ID: 500-260496-12 DU
Matrix: Water
Analysis Batch: 697517

Client Sample ID: G44S
Prep Type: Total/NA
Prep Batch: 694360

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.598		0.6347		0.154	1.00	0.101	pCi/L	0.12	1
Carrier	%Yield	DU Qualifier	DU Limits							
Ba Carrier	86.2		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-690769/1-A
Matrix: Water
Analysis Batch: 694195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 690769

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.580	U	0.339	0.339	1.00	0.580	pCi/L	11/27/24 08:14	12/17/24 11:25	1
Carrier	%Yield	MB Qualifier	MB Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					11/27/24 08:14	12/17/24 11:25	1
Y Carrier	79.6		30 - 110					11/27/24 08:14	12/17/24 11:25	1

Lab Sample ID: LCS 160-690769/2-A
Matrix: Water
Analysis Batch: 694195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 690769

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.25	9.796		1.36	1.00	0.519	pCi/L	119	75 - 125
Carrier	%Yield	LCS Qualifier	LCS Limits						
Ba Carrier	84.8		30 - 110						
Y Carrier	83.4		30 - 110						

Lab Sample ID: MB 160-691391/1-A
Matrix: Water
Analysis Batch: 694358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 691391

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.654	U	0.313	0.314	1.00	0.654	pCi/L	12/02/24 08:10	12/18/24 12:35	1
Carrier	%Yield	MB Qualifier	MB Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:10	12/18/24 12:35	1
Y Carrier	78.5		30 - 110					12/02/24 08:10	12/18/24 12:35	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

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

Lab Sample ID: LCS 160-691391/2-A
Matrix: Water
Analysis Batch: 694358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 691391

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228		8.25	8.876		1.31	1.00	0.637	pCi/L	108	75 - 125		
	LCS	LCS										
Carrier	%Yield	Qualifier	Limits									
Ba Carrier	86.0		30 - 110									
Y Carrier	81.9		30 - 110									

Lab Sample ID: MB 160-692619/1-A
Matrix: Water
Analysis Batch: 695868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692619

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.491	U	0.265	0.265	1.00	0.491	pCi/L	12/09/24 09:28	12/30/24 11:55	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	94.2		30 - 110							
Y Carrier	83.7		30 - 110							
								Prepared	Analyzed	Dil Fac
								12/09/24 09:28	12/30/24 11:55	1
								12/09/24 09:28	12/30/24 11:55	1

Lab Sample ID: LCS 160-692619/2-A
Matrix: Water
Analysis Batch: 695868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692619

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228		8.22	9.542		1.30	1.00	0.574	pCi/L	116	75 - 125		
	LCS	LCS										
Carrier	%Yield	Qualifier	Limits									
Ba Carrier	92.5		30 - 110									
Y Carrier	82.2		30 - 110									

Lab Sample ID: LCSD 160-692619/3-A
Matrix: Water
Analysis Batch: 695868

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 692619

Analyte		Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228		8.22	8.466		1.19	1.00	0.514	pCi/L	103	75 - 125	0.43	1
	LCSD	LCSD										
Carrier	%Yield	Qualifier	Limits									
Ba Carrier	90.5		30 - 110									
Y Carrier	83.7		30 - 110									

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

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

Lab Sample ID: MB 160-694363/1-A

Matrix: Water

Analysis Batch: 695576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 694363

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.499	U	0.263	0.263	1.00	0.499	pCi/L	12/18/24 14:13	12/27/24 11:45	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					12/18/24 14:13	12/27/24 11:45	1
Y Carrier	80.4		30 - 110					12/18/24 14:13	12/27/24 11:45	1

Lab Sample ID: LCS 160-694363/2-A

Matrix: Water

Analysis Batch: 695576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 694363

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.23	11.93		1.57	1.00	0.558	pCi/L	145	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	83.6		30 - 110						
Y Carrier	83.0		30 - 110						

Lab Sample ID: 500-260496-12 DU

Matrix: Water

Analysis Batch: 695576

Client Sample ID: G44S

Prep Type: Total/NA

Prep Batch: 694363

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.803		<0.639	U	0.391	1.00	0.639	pCi/L	0.53	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	86.2		30 - 110							
Y Carrier	83.4		30 - 110							

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-128919-50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofins.com		State of Origin		Page 1 of 3	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of Containers		Job #: 500-260496	
City: Joliet		TAT Requested (days)							
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO #: 4502153835							
Email: james.thorne@nrg.com		WO #							
Project Name: Joliet #9 CCR		Project #: 50011504						Preservation Codes: D - HNO3 N - None	
Site: Illinois		SSOW#:						Other:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Special Instructions/Note:	
				Preservation Code					
1 R008 G20S		11/20/24	1031		Water				
2 R020S R08S		11/20/24	1323		Water				
R025					Water				
G44S					Water				
G45S					Water				
G46S					Water				
G47S					Water				
G48S					Water				
R035					Water				
G00S					Water				
R04F					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:			Date		Time		Method of Shipment:		
Relinquished by: <i>OT</i>		Date/Time: 11/20/24 @ 1444		Company: EETA		Received by: <i>Stephanie Hernandez</i>		Date/Time: 11/20/24 1444	
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: 1.7 → 1.4 48 QT					

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Chain of Custody Record



Environment Testing

Client Information		Sampler <i>Noe L., Tristan B.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No. 500-128919-50642 2	
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofins.com		State of Origin		Page Page 2 of 3	
Company Midwest Generation EME LLC		PWSID		Analysis Requ				Job # <i>500-260496</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 Raz26Ra228_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		500-260496 COC		Preservation Codes. D HNO3 N None	
City Joliet		TAT Requested (days)				Total Number of containers		Other	
State Zip IL, 60436		Compliance Project ☐ Yes ☐ No							
Phone		PO # 4502153835							
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/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Special Instructions/Note:	
						Preservation Code:			
<i>3 G31S</i>		<i>11/21/24</i>	<i>1011</i>		Water	☒			
<i>4 G33S</i>		<i>11/21/24</i>	<i>1131</i>		Water	☒			
T01S					Water				
T02S					Water				
T04S					Water				
T05S					Water				
T06S					Water				
T08S					Water				
T09S					Water				
T12S					Water				
T13S					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		Date		Time		Method of Shipment:			
Relinquished by <i>ET</i>		Date/Time <i>11/21/24 e 1305</i>		Company <i>EETA</i>		Received by <i>Stephanie Hernandez</i>		Date/Time <i>11/21/24 1305</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>2.8 → 2.7 48QT</i>					

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-128919-50642 3	
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 3 of 3	
Company Midwest Generation EME LLC				PWSID		Analysis Requested			
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of Containers		Job # <i>500-260496</i>	
City Joliet		TAT Requested (days)						Preservation Codes. D HNO3 N None	
State, Zip IL, 60436		Compliance Project. ☐ Yes ☐ No						Other:	
Phone		PO #: 4502153835							
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)	Preservation Code:		Special Instructions/Note:	
T418	<i>G305</i>	<i>11/25/24</i>	<i>1028</i>		Water				
G398	<i>G465</i>	<i>11/25/24</i>	<i>1304</i>		Water				
	<i>T125</i>	<i>11/25/24</i>	<i>1358</i>						
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested I, II, III, IV, Other (specify) Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements									
Empty Kit Relinquished by		Date		Time		Method of Shipment.			
Relinquished by: <i>92</i>		Date/Time: <i>11/25/24 15:05</i>		Company: <i>EETA</i>		Received by:		Date/Time	
Relinquished by:		Date/Time		Company		Received by:		Date/Time	
Relinquished by:		Date/Time		Company		Received by: <i>Denise K...</i>		Date/Time: <i>11/25/24 15:06</i>	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>3.8 - 3.6</i>					

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L, Tristan B.</i>		Lab PM: Mockler, Diana J											
Client Contact: James Thorne		Phone:		E-Mail: Diana.Mockler@et.eurofins.com											
Company: Midwest Generation EME LLC		PWSID:		Analysis R: 500-260496 COC											
Address: 1800 Channahon Road		Due Date Requested:													
City: Joliet		TAT Requested (days):													
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No													
Phone:		PO #: 4502153835													
Email: james.thorne@nrg.com		WO #:													
Project Name: Joliet #9 CCR		Project #: 50011504		Total Number of Containers: 5											
Site: Illinois		SSOW#:		Preservation Codes: D HNO3, N None											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=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 - GPPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Special Instructions/Note:		
				Preservation Code:				D	D	D	D	N			
11	R008	6395	11/26/24	1028	Water			/	/	/	/	/			
12	R205	G445	11/26/24	1120	Water			/	/	/	/	/			
13	R023	G455	11/26/24	1256	Water			/	/	/	/	/			
14	G443	R325	11/26/24	1354	Water			/	/	/	/	/			
	G458				Water										
	G465				Water										
	G479				Water										
	G485				Water										
	T03S				Water										
	G308				Water										
	DUP				Water										
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>[Signature]</i>				Date/Time: 11/26/24 1510		Company: EETA		Received by: <i>[Signature]</i>				Date/Time: 11/26/24 1510		Company: EETA	
Relinquished by:				Date/Time:		Company:		Received by:				Date/Time:		Company:	
Relinquished by:				Date/Time:		Company:		Received by:				Date/Time:		Company:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 2.2 → 2.1 480T											

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No. 500-128919-50642 2	
Client Contact: James Thorne		Phone:		E-Mail: Diana Mockler@et.eurofins.com		State of Origin:		Page 2 of 3	
Company: Midwest Generation EME LLC		PWSID:		Analysis Requested:		Job #: 500-260496		Preservation Codes: D HNO3 N None	
Address: 1800 Channahon Road		Due Date Requested:		Field Filtered Sample (Yes or No)		Total Number of Containers:		Other:	
City: Joliet		TAT Requested (days):		Perform HPLC/MSD (Yes or No)					
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No		903.0 - Standard Target List					
Phone: 500-260496 COC		PO #: 4502153835		Ra228Ra228_GFPD - Local Method					
Email: james.thorne@nrg.com		WO #:		904.0 - Standard Target List					
Project Name: Joliet #9 CCR		Project #: 50011504		6020A, 7470A					
Site: Illinois		SSOW#:		2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
						Preservation Code			
15 16 17 18 TO2S		11/27/24		1014		Water			
G33S		11/27/24		1234		Water			
TO1S		11/27/24		1414		Water			
TO2S		11/27/24		1414		Water			
TO4S						Water			
TO5S						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)							
☐ 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>[Signature]</i>		Date/Time: 11/27/24 1547		Company: EETA		Received by: <i>[Signature]</i>		Date/Time: 11/27/24 1547	
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: 3.4 → 3.3					

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No. 500-128919-50842 1			
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofins.com		State of Origin.		Page Page 1 of 3			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-260496</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_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E Total Number of Containers						Preservation Codes: D HNO3 N None	
City Joliet		TAT Requested (days)								Other	
State, Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No									
Phone 500-260496 COC		PO #: 4502153835									
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)		Special Instructions/Note:	
						Preservation Code					
<i>19</i> <i>20</i> R08S <i>T09S</i>		<i>12/03/24</i>		<i>1143</i>				Water		<i>5</i>	
G20S <i>T06S</i>		<i>12/03/24</i>		<i>1328</i>				Water		<i>5</i>	
R32S								Water			
G44S								Water			
G46S								Water			
G46S								Water			
G47S								Water			
G48S								Water			
T09S								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				Date		Time		Method of Shipment:			
Relinquished by: <i>[Signature]</i>				Date/Time <i>12/03/24 1510</i>		Company <i>EEPA</i>		Received by: <i>[Signature]</i> Date/Time <i>12/3/24 1510</i> Company <i>EEPA</i>			
Relinquished by:				Date/Time		Company		Received by: Date/Time Company			
Relinquished by:				Date/Time		Company		Received by: Date/Time Company			
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>3.4 → 3.3 48QT</i>							

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Tristan B.</i>		Lab PM: Mockler, Diana J		COC No: 500-128919-50642 2	
Client Contact: James Thorne		Phone:		E-Mail: Diana.Mockler@et.eurofins.com		Page: Page 2 of 3	
Company: Midwest Generation EME LLC		PWSID:		Analysis Req: 500-260496 COC		Job #: 500-260496	
Address: 1800 Channahon Road		Due Date Requested:		Field Filtered Sample (Yes or No) Performs MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		Preservation Codes: D HNO3 N None	
City: Joliet		TAT Requested (days):				Other:	
State Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No					
Phone:		PO #: 4502153835					
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)	Total Number of containers	
						Special Instructions/Note:	
21 6313	<i>TD15</i>	<i>12/04/24</i>	<i>1026</i>		Water		5
22 6335	<i>T115</i>	<i>12/04/24</i>	<i>1235</i>		Water		5
23 7048	<i>TD55</i>	<i>12/04/24</i>	<i>1412</i>		Water		5
7026					Water		
7045					Water		
7058					Water		
7065					Water		
7085					Water		
7096					Water		
7126					Water		
7136					Water		
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>[Signature]</i>		Date/Time: <i>12/04/24 c 1555</i>		Company: <i>FEET</i>		Received by: <i>Stephanie Hemondy</i> Date/Time: <i>12/17/24 1535</i> Company: <i>FEET</i>	
Relinquished by:		Date/Time:		Company:		Received by: Date/Time: Company:	
Relinquished by:		Date/Time:		Company:		Received by: Date/Time: Company:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>3.1 → 3.0 48QT</i>			

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



Client Information (Sub Contract Lab)				Sampler N/A		Lab PW Mockler, Diana J		Carrier Tracking No(s) N/A		COC No 500-195595-1																																					
Client Contact				Phone N/A		E-Mail Diana Mockler@get.eurofins.com		State of Origin Illinois		Page Page 1 of 1																																					
Shipping/Receiving				Company TestAmerica Laboratories, Inc.		Accreditations Required (See note) NELAP - Illinois		Job # 500-260496-1		Preservation Codes: .																																					
Address 13715 Rider Trail North,				Due Date Requested: 12/12/2024		Analysis Requested <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (G=comp, G=grab)</th> <th>Matrix (Water, Spill, Overstall, BT-Tissue, A&P)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>903.0/PreSep_21 Standard Target List</th> <th>Total Number of Containers</th> <th>Special Instructions/Note:</th> </tr> <tr> <td>G47S (500-260496-5)</td> <td>11/22/24</td> <td>11:08 Central</td> <td>G Water</td> <td></td> <td>X</td> <td></td> <td>3</td> <td>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.</td> </tr> <tr> <td>G48S (500-260496-6)</td> <td>11/22/24</td> <td>12:20 Central</td> <td>G Water</td> <td></td> <td>X</td> <td></td> <td>3</td> <td>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.</td> </tr> <tr> <td>T13S (500-260496-7)</td> <td>11/22/24</td> <td>14:00 Central</td> <td>G Water</td> <td></td> <td>X</td> <td></td> <td>3</td> <td>Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.</td> </tr> </table>						Sample Date	Sample Time	Sample Type (G=comp, G=grab)	Matrix (Water, Spill, Overstall, BT-Tissue, A&P)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	Total Number of Containers	Special Instructions/Note:	G47S (500-260496-5)	11/22/24	11:08 Central	G Water		X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.	G48S (500-260496-6)	11/22/24	12:20 Central	G Water		X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.	T13S (500-260496-7)	11/22/24	14:00 Central	G Water		X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
Sample Date	Sample Time	Sample Type (G=comp, G=grab)	Matrix (Water, Spill, Overstall, BT-Tissue, A&P)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)							903.0/PreSep_21 Standard Target List	Total Number of Containers	Special Instructions/Note:																																	
G47S (500-260496-5)	11/22/24	11:08 Central	G Water		X								3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.																																	
G48S (500-260496-6)	11/22/24	12:20 Central	G Water		X								3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.																																	
T13S (500-260496-7)	11/22/24	14:00 Central	G Water		X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.																																							
City Earth City				TAT Requested (days): N/A																																											
State, Zip MO, 63045				PO # N/A																																											
Phone 314-298-8566(Tel) 314-298-8757(Fax)				WO # N/A																																											
Email N/A				Project # 50011504																																											
Site NRG Midwest Generation LSQ Joliet #9 CCR				SSOW# N/A																																											
Project Name Joliet #9 (Quarry) CCR				Other: N/A																																											

Sample Identification - Client ID (Lab ID)				Special Instructions/Note:			
G47S (500-260496-5)				Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.			
G48S (500-260496-6)				Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.			
T13S (500-260496-7)				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) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months			
Special Instructions/QC Requirements:			

Empty Kit Relinquished by:		Date:		Time:	
Relinquished by		Company		Method of Shipment	
Relinquished by:		Company		Received by <i>M. Pinette</i>	
Relinquished by:		Company		Received by Meadow Pinette	
Relinquished by:		Company		Received by	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Chain of Custody Record

[illegible]

eurofins Environment Testing

Environment Testing;

Ver: 10/10/2024

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Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260496-2

Login Number: 260496

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4,2.7,2.3, 3.8,2.1,3.3,3.3,3.0
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: 500-260496-2

Login Number: 260496

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/22/24 12:00 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: 500-260496-2

Login Number: 260496

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 11/26/24 12:51 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: 500-260496-2

Login Number: 260496

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/27/24 11:19 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.	False	

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: 500-260496-2

Login Number: 260496

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/04/24 01:46 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: 500-260496-2

Login Number: 260496

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/06/24 02:39 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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G20S

Date Collected: 11/20/24 10:31

Date Received: 11/20/24 14:44

Lab Sample ID: 500-260496-1

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694195	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: R08S

Date Collected: 11/20/24 13:23

Date Received: 11/20/24 14:44

Lab Sample ID: 500-260496-2

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694195	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: G31S

Date Collected: 11/21/24 10:11

Date Received: 11/21/24 13:05

Lab Sample ID: 500-260496-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694195	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: G33S

Date Collected: 11/21/24 11:31

Date Received: 11/21/24 13:05

Lab Sample ID: 500-260496-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694195	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G47S

Date Collected: 11/22/24 11:08

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694196	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: G48S

Date Collected: 11/22/24 12:20

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694196	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: T13S

Date Collected: 11/22/24 14:00

Date Received: 11/22/24 15:12

Lab Sample ID: 500-260496-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690768	BCE	EET SL	11/27/24 08:06
Total/NA	Analysis	903.0		1	695130	SCB	EET SL	12/23/24 06:58
Total/NA	Prep	PrecSep_0			690769	BCE	EET SL	11/27/24 08:14
Total/NA	Analysis	904.0		1	694196	SCB	EET SL	12/17/24 11:27
Total/NA	Analysis	Ra226_Ra228		1	695590	EMH	EET SL	12/27/24 13:38

Client Sample ID: G30S

Date Collected: 11/25/24 10:28

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-8

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695352	FLC	EET SL	12/26/24 16:31
Total/NA	Prep	PrecSep_0			691391	MLT	EET SL	12/02/24 08:10
Total/NA	Analysis	904.0		1	694358	SCB	EET SL	12/18/24 14:48
Total/NA	Analysis	Ra226_Ra228		1	697552	SCB	EET SL	01/09/25 16:39

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G46S

Date Collected: 11/25/24 13:04

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-9

Matrix: GW

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695352	FLC	EET SL	12/26/24 16:31
Total/NA	Prep	PrecSep_0			691391	MLT	EET SL	12/02/24 08:10
Total/NA	Analysis	904.0		1	694358	SCB	EET SL	12/18/24 14:48
Total/NA	Analysis	Ra226_Ra228		1	697552	SCB	EET SL	01/09/25 16:39

Client Sample ID: T12S

Date Collected: 11/25/24 13:58

Date Received: 11/25/24 15:06

Lab Sample ID: 500-260496-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695352	FLC	EET SL	12/26/24 16:31
Total/NA	Prep	PrecSep_0			691391	MLT	EET SL	12/02/24 08:10
Total/NA	Analysis	904.0		1	694358	SCB	EET SL	12/18/24 14:49
Total/NA	Analysis	Ra226_Ra228		1	697552	SCB	EET SL	01/09/25 16:39

Client Sample ID: G39S

Date Collected: 11/26/24 10:28

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:01
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:44
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: G44S

Date Collected: 11/26/24 11:20

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:01
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:44
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: G45S

Date Collected: 11/26/24 12:56

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:44
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: R32S

Date Collected: 11/26/24 13:54

Date Received: 11/26/24 15:10

Lab Sample ID: 500-260496-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:44
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: T02S

Date Collected: 11/27/24 10:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:44
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: T08S

Date Collected: 11/27/24 12:34

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:47
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T03S

Date Collected: 11/27/24 14:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:47
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: T03S DUP

Date Collected: 11/27/24 14:14

Date Received: 11/27/24 15:47

Lab Sample ID: 500-260496-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697517	FLC	EET SL	01/09/25 08:03
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:47
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: T09S

Date Collected: 12/03/24 11:43

Date Received: 12/03/24 15:10

Lab Sample ID: 500-260496-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697532	FLC	EET SL	01/09/25 09:00
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:47
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Client Sample ID: T06S

Date Collected: 12/03/24 13:28

Date Received: 12/03/24 15:10

Lab Sample ID: 500-260496-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			694360	MLT	EET SL	12/18/24 14:02
Total/NA	Analysis	903.0		1	697532	FLC	EET SL	01/09/25 09:01
Total/NA	Prep	PrecSep_0			694363	MLT	EET SL	12/18/24 14:13
Total/NA	Analysis	904.0		1	695576	EMH	EET SL	12/27/24 11:47
Total/NA	Analysis	Ra226_Ra228		1	697551	SCB	EET SL	01/09/25 16:24

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Client Sample ID: T01S

Date Collected: 12/04/24 10:26

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			692618	BCE	EET SL	12/09/24 09:23
Total/NA	Analysis	903.0		1	696789	FLC	EET SL	01/04/25 12:59
Total/NA	Prep	PrecSep_0			692619	BCE	EET SL	12/09/24 09:28
Total/NA	Analysis	904.0		1	695868	CMM	EET SL	12/30/24 13:55
Total/NA	Analysis	Ra226_Ra228		1	697191	SCB	EET SL	01/08/25 09:24

Client Sample ID: T11S

Date Collected: 12/04/24 12:35

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			692618	BCE	EET SL	12/09/24 09:23
Total/NA	Analysis	903.0		1	696789	FLC	EET SL	01/04/25 12:59
Total/NA	Prep	PrecSep_0			692619	BCE	EET SL	12/09/24 09:28
Total/NA	Analysis	904.0		1	695868	CMM	EET SL	12/30/24 13:55
Total/NA	Analysis	Ra226_Ra228		1	697191	SCB	EET SL	01/08/25 09:24

Client Sample ID: T05S

Date Collected: 12/04/24 14:12

Date Received: 12/04/24 15:55

Lab Sample ID: 500-260496-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			692618	BCE	EET SL	12/09/24 09:23
Total/NA	Analysis	903.0		1	696789	FLC	EET SL	01/04/25 12:59
Total/NA	Prep	PrecSep_0			692619	BCE	EET SL	12/09/24 09:28
Total/NA	Analysis	904.0		1	695868	CMM	EET SL	12/30/24 13:55
Total/NA	Analysis	Ra226_Ra228		1	697191	SCB	EET SL	01/08/25 09:24

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) 4Q24

Job ID: 500-260496-2

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	04-06-25
ANAB	Dept. of Energy	L2305.01	04-08-25
ANAB	ISO/IEC 17025	L2305	04-06-25
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 (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana	NELAP	04080	06-30-22 *
Louisiana (All)	NELAP	04080	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	03-31-25
North Carolina (DW)	State	29700	07-31-25
North Dakota	State	R-207	06-30-24 *
Oklahoma	NELAP	9997	12-31-24 *
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-25
South Carolina	State	85002001	06-30-25
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	P330-17-00028	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) 4Q24

Job ID: 500-260496-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: GW

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	
500-260496-1	G20S	90.9	
500-260496-2	R08S	86.0	
500-260496-8	G30S	83.2	
500-260496-9	G46S	84.8	
Tracer/Carrier Legend			
Ba = Ba Carrier			

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)	
500-260496-3	G31S	86.3	
500-260496-4	G33S	83.2	
500-260496-5	G47S	84.8	
500-260496-6	G48S	92.4	
500-260496-7	T13S	96.4	
500-260496-10	T12S	90.4	
500-260496-11	G39S	80.8	
500-260496-12	G44S	84.1	
500-260496-12 DU	G44S	86.2	
500-260496-13	G45S	84.1	
500-260496-14	R32S	88.2	
500-260496-15	T02S	59.5	
500-260496-16	T08S	83.6	
500-260496-17	T03S	85.9	
500-260496-18	T03S DUP	91.5	
500-260496-19	T09S	88.7	
500-260496-20	T06S	77.9	
500-260496-21	T01S	59.1	
500-260496-22	T11S	87.2	
500-260496-23	T05S	77.4	
LCS 160-690768/2-A	Lab Control Sample	84.8	
LCS 160-691387/2-A	Lab Control Sample	86.0	
LCS 160-692618/2-A	Lab Control Sample	92.5	
LCS 160-694360/2-A	Lab Control Sample	83.6	
LCSD 160-692618/3-A	Lab Control Sample Dup	90.5	
MB 160-690768/1-A	Method Blank	92.6	
MB 160-691387/1-A	Method Blank	79.9	
MB 160-692618/1-A	Method Blank	94.2	
MB 160-694360/1-A	Method Blank	99.0	
Tracer/Carrier Legend			
Ba = Ba Carrier			

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD) 4Q24

Job ID: 500-260496-2

Method: 904.0 - Radium-228 (GFPC)

Matrix: GW

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-260496-1	G20S	90.9	75.1
500-260496-2	R08S	86.0	78.1
500-260496-8	G30S	83.2	73.3
500-260496-9	G46S	84.8	75.9
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y 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)
500-260496-3	G31S	86.3	80.4
500-260496-4	G33S	83.2	80.7
500-260496-5	G47S	84.8	83.7
500-260496-6	G48S	92.4	80.4
500-260496-7	T13S	96.4	81.1
500-260496-10	T12S	90.4	81.1
500-260496-11	G39S	80.8	79.6
500-260496-12	G44S	84.1	77.0
500-260496-12 DU	G44S	86.2	83.4
500-260496-13	G45S	84.1	77.8
500-260496-14	R32S	88.2	77.4
500-260496-15	T02S	59.5	80.7
500-260496-16	T08S	83.6	74.8
500-260496-17	T03S	85.9	79.6
500-260496-18	T03S DUP	91.5	83.4
500-260496-19	T09S	88.7	77.0
500-260496-20	T06S	77.9	73.6
500-260496-21	T01S	59.1	78.1
500-260496-22	T11S	87.2	76.3
500-260496-23	T05S	77.4	81.1
LCS 160-690769/2-A	Lab Control Sample	84.8	83.4
LCS 160-691391/2-A	Lab Control Sample	86.0	81.9
LCS 160-692619/2-A	Lab Control Sample	92.5	82.2
LCS 160-694363/2-A	Lab Control Sample	83.6	83.0
LCSD 160-692619/3-A	Lab Control Sample Dup	90.5	83.7
MB 160-690769/1-A	Method Blank	92.6	79.6
MB 160-691391/1-A	Method Blank	79.9	78.5
MB 160-692619/1-A	Method Blank	94.2	83.7
MB 160-694363/1-A	Method Blank	99.0	80.4
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y Carrier			



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 #: 500-260496-1

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

PURGING INFORMATION

Purge Date: 11/20/24 Start Purge: 1013 End Purge: 1031
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.49 7.51 7.51 (std.)
Ref. Measuring Pt. TIC SC 711 710 710 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 15.26 15.29 15.29 (°C)
Water Level 60.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 520.17 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 46°F, Mostly Sunny, SW winds @ 5-10 mph
Turbidity: 0.77 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 60.62 - 2.78 = 57.84 (ft.)
Levels were taken on 11/20/24 @ 1003

(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 #: 500-260496-2

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

PURGING INFORMATION

Purge Date: 11/20/24 Start Purge: 1308 End Purge: 1323
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 7.88 7.86 7.86 (std.)
Ref. Measuring Pt. TIC SC 1066 1070 1070 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 12.51 12.52 12.52 (°C)
Water Level 73.30 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.34 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 48°F, Mostly Cloudy, SW winds e 5-10 mph
Turbidity: 0.41 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.30 - 2.55 = 70.75 (ft.)
Levels were taken on 11/20/24 @ 1303

(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: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260490-3

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: 11/21/24 Start Purge: 0954 End Purge: 1011
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.23 7.24 7.24 (std.)
Ref. Measuring Pt. TIC SC 1730 1740 1740 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 12.27 12.41 12.41 (°C)
Water Level 30.75 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.92 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 32°F, Light Snow, W winds e 5-10 mph
Turbidity: 0.62 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 30.75 - 2.58 = 28.17 (ft.)
Levels were taken on 11/21/24 @ 0945

(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: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-4

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: 11/21/24 Start Purge: 1110 End Purge: 1131
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.54

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.49 7.50 7.50 (std.)
Ref. Measuring Pt. TIC SC 735 737 737 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 10.73 10.80 10.80 (°C)
Water Level 34.71 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.96 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 32°F, Snow, W winds e 5-10 mph
Turbidity: 83.90 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 34.71 - 1.73 = 32.98 (ft.)
Levels were taken on 11/21/24 @ 1100

(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: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-200496-5

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: 11/22/24 Start Purge: 1050 End Purge: 1108
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 8.43 8.44 8.44 (std.)
Ref. Measuring Pt. TIC SC 1600 1600 1600 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 11.39 11.39 11.39 (°C)
Water Level 94.99 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.17 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 45°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 0.77 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.99 - 2.50 = 92.49 (ft.)
Levels were taken on 11/22/24 @ 1045

(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: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-6

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

PURGING INFORMATION

Purge Date: 11/22/24 Start Purge: 1202 End Purge: 1220
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 7.76 7.74 7.74 (std.)
Ref. Measuring Pt. TIC SC 1530 1520 1520 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 11.76 11.76 11.76 (°C)
Water Level 105.00 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 515.73 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 46°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 0.88 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 105.00 - 2.45 = 102.55 (ft.)
Levels were taken on 11/22/24 @ 1157

(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: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-7

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: 11/22/24 Start Purge: 1350 End Purge: 1400
(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 2.76 (ft) pH 7.43 7.42 7.42 (std.)
Ref. Measuring Pt. TIC SC 962 964 964 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 13.68 13.65 13.65 (°C)
Water Level 20.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.75 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 46°F, Cloudy, NW winds e 0-5 mph
Turbidity: 4.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.58 - 2.76 = 17.82 (ft.)
Levels were taken on 11/22/24 @ 1345.
* 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: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-8

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: 11/25/24 Start Purge: 1010 End Purge: 1028
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.74 7.75 7.75 (std.)
Ref. Measuring Pt. TIC SC 1960 1950 1950 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 11.28 11.28 11.28 (°C)
Water Level 1.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.99 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 52°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity: 0.88 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.79 - 2.31 = -0.52 (ft.)
Levels were taken on 11/25/24 @ 1000

(Updated 10/23/2024)

Sampler Name (Print): Noc 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: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-9

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

PURGING INFORMATION

Purge Date: 11/25/24 Start Purge: 1250 End Purge: 1304
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.52 7.53 7.53 (std.)
Ref. Measuring Pt. TIC SC 1357 1355 1355 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 12.52 12.52 12.52 (°C)
Water Level 108.72 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 492.60 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 51°F, Cloudy, NW winds @ 5-10 mph
Turbidity: 59.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 108.72 - 2.70 = 106.02 (ft.)
Levels were taken on 11/25/24 @ 1245

(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 #: 500-260496-10

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

PURGING INFORMATION

Purge Date: 11/25/24 Start Purge: 1346 End Purge: 1358
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

	1st	2nd	Final
Well Diameter <u>2.0</u> (inches)			
Stick Up <u>2.74</u> (ft)			
Ref. Measuring Pt. <u>TIC</u>			
Well Elevation <u>* 578.73</u> (ft./msl)			
Water Level <u>77.14</u> (ft.)			
Ground Water Elev. <u>501.59</u> (ft./msl)			
Well Bottom Elevation <u>* 452.24</u> (ft./msl)			
pH <u>7.48</u>	<u>7.47</u>	<u>7.47</u>	(std.)
SC <u>1045</u>	<u>1048</u>	<u>1048</u>	(umhos/cm)
Temp. <u>12.33</u>	<u>12.33</u>	<u>12.33</u>	(°C)

Well Stabilization / Recharge Grid

COMMENTS

Sample Appearance/Odor: Dark Tan, Moderate Turbidity, No Odor
Weather Conditions: 50°F, Cloudy, NW winds e 5-10 mph
Turbidity: 80.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 77.14 - 2.74 = 74.40 (ft.)
Levels were taken on 11/25/24 @ 1341
* 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: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-11

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: 11/26/24 Start Purge: 1010 End Purge: 1028
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.19 7.21 7.21 (std.)
Ref. Measuring Pt. TIC SC 739 740 740 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 10.17 10.18 10.18 (°C)
Water Level 99.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.95 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 32°F, Sunny, W winds 0-5 mph
Turbidity 3.67 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 99.79 - 2.08 = 97.71 (ft.)
Levels were taken on 11/26/24 @ 1000

(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: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-12

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: 11/26/24 Start Purge: 1105 End Purge: 1120
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.13 7.14 7.14 (std.)
Ref. Measuring Pt. TIC SC 1133 1136 1136 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 11.49 11.49 11.49 (°C)
Water Level 85.84 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.78 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 34°F, Mostly Sunny, W winds E 5-10 mph
Turbidity: 57.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 85.84 - 2.18 = 83.66 (ft.)
Levels were taken on 11/26/24 @ 1100

(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: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-13

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

PURGING INFORMATION

Purge Date: 11/26/24 Start Purge: 1240 End Purge: 1256
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.31 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1132 1138 1138 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 13.32 13.28 13.28 (°C)
Water Level 64.57 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.24 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 36°F, Sunny, W winds @ 0-5 mph
Turbidity: 1.75 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 64.57 - 2.97 = 61.60 (ft.)
Levels were taken on 11/26/24 @ 1235.

(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 #: 500-2104916-14

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: 11/26/24 Start Purge: 1335 End Purge: 1354
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.57 7.57 7.57 (std.)
Ref. Measuring Pt. TIC SC 992 993 993 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 11.69 11.75 11.75 (°C)
Water Level 24.88 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 512.16 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 37°F, Sunny, SW winds e 0-5 mph
Turbidity: 2.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 24.88 - 2.03 = 22.85 (ft.)
Levels were taken on 11/26/24 @ 1330

(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 #: 500-210491e-15

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

PURGING INFORMATION

Purge Date: 11/27/24 Start Purge: 0955 End Purge: 1014
(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 7.65 7.64 7.64 (std.)
Ref. Measuring Pt. TIC SC 1053 1049 1049 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 10.59 10.58 10.58 (°C)
Water Level 137.72 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.42 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 40°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 179.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = $137.72 - 2.33 = 135.39$ (ft.)
Levels were taken on 11/27/24 @ 0940
* 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 #: 500-2102496-16

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: 11/27/24 Start Purge: 1212 End Purge: 1234
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.57 8.37 8.37 (std.)
Ref. Measuring Pt. TIC SC 1380 1373 1373 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 10.48 10.47 10.47 (°C)
Water Level 132.52 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 494.91 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 43°F, Cloudy, SE winds @ 0-5 mph
Turbidity: 1.29 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 132.52 - 2.38 = 130.14 (ft.)
Levels were taken on 11/27/24 @ 1157
* Total Deth = 180.00

(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: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 502-260496-17

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

PURGING INFORMATION

Purge Date: 11/27/24 Start Purge: 1356 End Purge: 1414
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.52 7.52 7.52 (std.)
Ref. Measuring Pt. TIC SC 1153 1160 1160 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 11.80 11.81 11.81 (°C)
Water Level 141.54 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.19 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 43°F, Cloudy, E winds @ 0-5 mph
Turbidity: 0.99 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 141.54 - 3.08 = 138.46 (ft.)
Levels were taken on 11/27/24 @ 1351
* 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: T03S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-18

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

PURGING INFORMATION

Purge Date: 11/27/24 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 3.08 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity: NTU
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____
* Total Depth = 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: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-260496-19

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

PURGING INFORMATION

Purge Date: 12/03/24 Start Purge: 1125 End Purge: 1143
(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 7.78 7.80 7.80 (std.)
Ref. Measuring Pt. TIC SC 1174 1176 1176 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 9.34 9.35 9.35 (°C)
Water Level 110.78 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 492.71 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 27°F, Sunny, SW winds e 0-5 mph
Turbidity: 18.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 110.78 - 2.40 = 108.38 (ft.)
Levels were taken on 12/03/24 @ 1110
* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noc 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 #: 500-260496-20

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

PURGING INFORMATION

Purge Date: 12/03/24 Start Purge: 1313 End Purge: 1328
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.35 7.34 7.34 (std.)
Ref. Measuring Pt. TIC SC 785 778 778 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 7.90 7.89 7.89 (°C)
Water Level 119.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.43 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 29°F Partly Sunny, SW winds e 5-10 mph
Turbidity: 0.54 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 119.62 - 2.30 = 117.32 (ft.)
Levels were taken on 12/03/24 @ 1258
* 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: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2604910-21

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1010 End Purge: 1026
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.74 7.75 7.75 (std.)
Ref. Measuring Pt. TIC SC 1464 1467 1467 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 5.85 5.85 5.85 (°C)
Water Level 126.06 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.77 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, High Turbidity, Slight Odor
Weather Conditions: 36°F, Sunny, SW winds 5-10 mph
Turbidity: 355.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.06 - 2.48 = 123.58 (ft)
Levels were taken on 12/04/24 @ 0955.
* Total Depth = 170.00

(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: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2604910-22

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1215 End Purge: 1235
(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 7.77 7.76 7.76 (std.)
Ref. Measuring Pt. TIC SC 937 933 933 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 10.67 10.67 10.67 (°C)
Water Level 76.23 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 483.17 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 36°F, Cloudy, W winds e 5-10 mph
Turbidity 28.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 76.23 - 2.74 = 73.49 (ft.)
Levels were taken on 12/04/24 @ 1200
* Total Depth: 113.76

(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: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2104910-23

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

PURGING INFORMATION

Purge Date: 12/04/24 Start Purge: 1355 End Purge: 1412
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 8.70 8.71 8.71 (std.)
Ref. Measuring Pt. TIC SC 2320 2320 2320 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 6.76 6.76 6.76 (°C)
Water Level 126.32 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.09 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 40°F, Cloudy, W winds e 5-10 mph
Turbidity: 3.72 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.32 - 2.40 = 123.92 (ft.)
Levels were taken on 12/04/24 @ 1340
* Total Deth = 175.00

(Updated 10/23/2024)

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