

DATA SUMMARY POSTING

Station: Midwest Generation Powerton Generating Station

Regulated Unit(s): Ash By-pass Basin (IEPA ID No. W1798010008-04)
 Ash Surge Basin (IEPA ID No. W1798010008-01)
 Former Ash Basin (IEPA ID No. W1798010008-05)
 Metals Cleaning Basin (IEPA ID No. W1798010008-03)

In accordance with the Coal Combustion Residual Surface Impoundment Operating Permit 2024-CO-100029 (CCR Operating Permit) Special Condition #25, groundwater monitoring was completed during the 2nd quarter 2025 which includes the entire list of wells specified under Special Conditions #12 and #13 and parameters specified under Special Conditions #21 and #22. Tables 1 and 2 are summary tables of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring. The tables include the Groundwater Protection Standards (GWPSs) specified in Special Conditions #21 and #22 for the Silty Clay/Silt unit and the Sand and Gravel unit, respectively. Summary tables are separated by the Silty Clay/Silt Unit and the Sand and Gravel Unit.

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL, Silty Clay/Silt Unit.

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	Selenium	Thallium	Turbidity	
GWPS		4.7	NSP	200.0	4.0	6.5-9.0	400.0	1200.0	0.006	0.010	2.0	0.0040	0.005	0.1	0.006	0.0075	0.04	0.002	0.10	5.0	0.05	0.002	NSP	
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020	13.04	
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020	8.22	
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.755	< 0.0025	< 0.0020	5.80	
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020	7.63	
	5/19/2025	0.15	120	26	< 0.10	7.14	34	470	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0213	< 0.0025	< 0.0020	6.74	
MW-06 downgradient	6/18/2024	0.39	94	140	0.49	7.64	220	820	< 0.0030	0.0021	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	0.010	< 0.722	< 0.0025	< 0.0020	11.22	
	9/10/2024	0.40	96	130	0.48	7.64	270	880	< 0.0030	0.0032	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.011	1.94	< 0.0025	< 0.0020	12.45	
	11/19/2024	0.27	96	150	0.43	7.65	290	950	< 0.0030	0.0028	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.19	< 0.0025	< 0.0020	8.99	
	2/26/2025	0.24	100	150	0.38	7.66	220	750	< 0.0030	0.0024	0.063	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.364	< 0.0025	< 0.0020	6.26	
	5/19/2025	0.36	94	150	0.45	7.66	210	760	< 0.0030	0.0025	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.296	< 0.0025	< 0.0020	18.20	
MW-14 downgradient	4/8/2021	2.1	200	98	1.1	7.33	630	1600	< 0.0030	0.0028	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.035	< 0.605	0.029	0.022	13.90	
	5/12/2021	2.6	210	100	1.1	7.13	640	1700	< 0.0030	0.0047	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.034	< 0.430	0.0039	0.028	5.39	
	6/3/2021	2.1	200	26	1.0	6.79	600	1600	< 0.0030	0.0025	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.0002	0.028	< 0.357	0.094	0.025	1.22	
	6/28/2021	B 2.0	210	93	0.99	6.90	570	1700	^+ < 0.0030	0.0014	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.03	0.758	0.034	0.023	2.63	
	7/20/2021	2.0	190	81	0.89	6.88	500	1700	< 0.0030	0.0025	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.0002	0.021	< 0.434	< 0.0025	< 0.002	3.74	
	8/23/2021	2.1	210	91	0.96	6.91	560	1800	< 0.0030	0.0022	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.0002	0.031	0.515	0.010	0.021	4.34	
	10/1/2021	1.9	200	100	0.95	7.06	640	1700	< 0.0030	0.0045	0.039	< 0.0010	0.00050	< 0.0050	< 0.0010	0.00065	^1+ 0.034	< 0.0002	0.037	< 0.581	< 0.0025	0.002	4.26	
	11/29/2021	2.0	180	94	1.10	7.01	^ 480	1400	< 0.0030	0.0025	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.0002	0.033	< 0.442	0.010	< 0.002	10.27	
	2/9/2022	1.9	180	67	1.10	6.91	430	1500	< 0.0030	0.013	0.046	< 0.0010	0.00056	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.0002	0.03	0.724	< 0.0025	0.022	12.29	
	6/8/2022	2.2	220	87	0.96	7.12	810	2100	< 0.0030	0.0041	0.057	< 0.0010	0.00056	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.0002	0.038	< 0.429	0.013	0.033	8.66	
	8/31/2022	2.2	B 200	120	0.86	6.74	610	1800	< 0.0030	0.0040	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.0002	0.024	0.743	< 0.0025	< 0.002	19.54	
	11/17/2022	NA	NA	NA	NA	6.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.75
	2/22/2023	2.2	190	120	0.76	7.40	600	1700	< 0.0030	0.015	0.067	^1+ ^+ < 0.0010	0.00085	< 0.0050	< 0.0010	0.0015	0.021	0.00022	0.025	< 0.552	0.024	0.020	31.69	
	5/17/2023	2.3	280	100	1.0	7.02	1100	2600	< 0.0030	0.0016	0.054	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.044	< 0.712	0.090	0.027	7.33	
	8/29/2023	1.5	180	150	1.0	6.84	880	2300	< 0.0020	< 0.0020	0.041	0 0.0010	< 0.00020	< 0.0050	< 0.00050	0.00056	0.024	< 0.00020	0.034	0.816	< 0.005	0.022	7.08	
	11/6/2023	1.5	190	140	0.87	6.95	840	2200	< 0.0030	0.0026	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.032	1.22	0.0086	< 0.0020	1.95	
	2/20/2024	1.6	200	130	1.0	7.12	670	2000	< 0.0030	0.0012	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	22	< 0.00020	0.026	< 0.505	0.0039	0.021	34.43	
	6/18/2024	2.2	290	85	1.1	6.85	1500	3900	< 0.0030	0.0020	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.10	< 0.553	0.053	0.051	6.79	
	9/9/2024	2.3	230	110	1.4	7.14	1800	4100	^1+ < 0.0030	0.0029	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.14	0.584	0.010	0.0035	8.71	
	11/18/2024	2.7	250	110	1.3	7.15	1700	3800	< 0.0030	0.0019	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.11	< 0.639	< 0.0025	0.0026	8.64	
2/26/2025	2.4	260	100	1.2	7.02	1400	3400	< 0.0030	0.0013	0.040	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.064	< 0.334	0.0054	0.0021	8.99		
5/21/2025	2.7	260	85	1.2	7.19	1400	3300	< 0.0030	0.0024	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.097	< 0.297	0.0054	0.0036	7.52		
MW-18A downgradient	9/12/2024	0.53	220	140	0.23	6.95	270	1400	< 0.0030	0.0064	0.46	< 0.0010	< 0.00050	0.011	0.0046	0.0044	0.015	< 0.00020	0.010	< 0.983	< 0.0025	< 0.0020	6.43	
	11/19/2024	0.33	290	110	0.30	6.79	140	1500	< 0.0030	0.0087	0.34	< 0.0010	< 0.00050	< 0.0050	0.0065	< 0.00050	< 0.010	< 0.00020	0.0086	1.20	< 0.0025	< 0.0020	85.61	
	1/7/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0072	NA	NA	NA	NA	NA	NA	NA	NA	34.77	
	2/27/2025	0.40	300	120	0.31	6.75	1600	1500	< 0.0030	0.0094	0.41	^1+ < 0.0010	< 0.00050	< 0.0050	0.0050	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.26	< 0.0025	< 0.0020	24.90	
	3/28/2025 R	NA	NA	NA	NA	NA	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	4/24/2025 R	NA	NA	NA	NA	NA	NA	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
5/22/2025	0.43	280	120	0.34	6.84	47	1400	< 0.0030	0.0072	0.46	< 0.0010	< 0.00050	< 0.0050	0.0032	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.30	< 0.0025	< 0.0020	21.90		
MW-22 downgradient	6/18/2024	0.98	130	110	0.40	6.95	220	940	< 0.0030	0.0037	0.14	< 0.0010	< 0.00050	< 0.0050	0.0027	< 0.00050	^1+ < 0.010	< 0.00020	0.028	0.718	0.0029	< 0.0020	12.39	
	9/12/2024	2.9	120	40	0.36	6.77	120	660	< 0.0030	0.018	0.16	< 0.0010	< 0.00050	< 0.0050	0.0033	< 0.00050	< 0.010	< 0.00020	0.034	< 0.698	0.0089	< 0.0020	18.30	
	11/20/2024	2.7	120	40	0.35	6.97	120	710	< 0.0030															

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL, Sand and Gravel Unit.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium + 228	Selenium	Thallium	Turbidity	
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP	
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020	13.04	
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020	8.22	
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.755	< 0.0025	< 0.0020	5.80	
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020	7.63	
	5/19/2025	0.15	120	26	< 0.10	7.14	34	470	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0213	< 0.0025	< 0.0020	6.74	
MW-01 downgradient	11/16/2015	1.0	98	44	0.17	7.07	93	530	< 0.0030	< 0.0010	0.057	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	* < 0.00050	< 0.010	< 0.00020	< 0.0050	0.744	< 0.0025	* < 0.0020	NA	
	2/25/2016	0.20	110	42	0.16	7.23	54	460	< 0.0030	0.0025	0.053	< 0.0010	< 0.00050	< 0.0050	0.0014	0.0019	< 0.010	< 0.00020	< 0.0050	< 0.722	0.0029	< 0.0020	NA	
	5/20/2016	0.34	100	44	0.17	6.95	65	430	< 0.0030	0.0081	0.062	< 0.0010	< 0.00050	0.0070	0.0053	0.011	< 0.010	< 0.00020	< 0.0050	< 0.953	< 0.0025	< 0.0020	NA	
	8/17/2016	0.27	78	39	0.25	7.16	50	530	< 0.0030	0.0014	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0014	< 0.010	< 0.00020	0.0057	< 0.491	< 0.0025	< 0.0020	NA	
	11/16/2016	0.18	97	39	0.21	7.22	32	500	< 0.0030	0.0051	0.056	< 0.0010	< 0.00050	< 0.0050	0.0044	0.0082	< 0.010	< 0.00020	0.0059	< 0.618	< 0.0025	< 0.0020	NA	
	2/14/2017	0.18	120	55	0.17	7.30	60	550	< 0.0030	0.0041	0.056	< 0.0010	< 0.00050	< 0.0050	0.0045	0.0076	< 0.010	< 0.00020	0.0056	< 0.837	< 0.0025	< 0.0020	NA	
	5/3/2017	0.19	86	66	0.16	7.41	45	460	< 0.0030	0.0015	0.045	< 0.0010	< 0.00050	< 0.0050	0.0033	0.0067	< 0.010	< 0.00020	< 0.0050	0.574	< 0.0025	< 0.0020	NA	
	6/21/2017	0.18	85	58	0.18	7.60	47	540	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0061	< 0.418	< 0.0025	< 0.0020	NA	
	8/25/2017	0.56	86	41	0.18	7.41	63	490	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0059	0.775	< 0.0025	< 0.0020	NA	
	11/8/2017	0.57	130	38	0.12	6.69	61	640	< 0.0030	< 0.0010	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.343	< 0.0025	< 0.0020	NA	
	5/17/2018	0.15	88	50	0.12	6.70	48	540	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0068	< 0.010	< 0.00020	< 0.0050	< 0.396	< 0.0025	< 0.0020	NA	
	8/8/2018	0.14	86	48	0.13	6.80	43	430	< 0.0030	< 0.0010	0.051	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.579	< 0.0025	< 0.0020	NA	
	4/30/2019	0.07	78	54	0.17	7.20	27	450	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0017	< 0.010	< 0.00020	< 0.0050	< 0.656	< 0.0025	< 0.0020	NA
	8/26/2019	0.57	100	39	0.13	7.15	71	550	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.802	< 0.0025	< 0.0020	NA	
	2/24/2020	0.28	87	53	0.21	7.19	34	410	< 0.0030	< 0.0010	0.044	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0057	< 0.010	< 0.00020	< 0.0050	< 0.478	< 0.0025	< 0.0020	NA	
	4/28/2020	0.33	110	46	0.19	7.17	41	470	NS	< 0.0010	0.051	NS	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.628	< 0.0025	< 0.0020	NA	
	12/7/2020	0.59	100	54	0.25	7.22	55	640	NS	< 0.0010	0.058	NS	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0052	< 0.542	< 0.0025	< 0.0020	NA	
	5/11/2021	0.21	85	51	0.21	7.52	37	450	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.010	0.521	< 0.0025	< 0.0020	NA	
	8/24/2021	0.27	99	40	0.18	7.19	56	430	< 0.0030	< 0.0010	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00088	< 0.010	< 0.00020	0.0070	< 0.463	< 0.0025	< 0.0020	3.34	
	11/30/2021	0.35	84	41	0.19	7.14	^ 28	410	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0050	< 0.010	< 0.00020	0.0072	< 0.434	0.0026	< 0.0020	5.43
	2/9/2022	0.18	96	47	0.17	7.33	42	520	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0012	0.0030	< 0.010	< 0.00020	0.0074	< 0.527	< 0.0025	< 0.0020	11.50
	6/7/2022	0.21	81	51	0.14	7.62	27	430	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0057	0.531	< 0.0025	< 0.0020	3.63	
	8/30/2022	0.59	92	44	0.15	7.10	66	810	< 0.0030	< 0.0010	0.073	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.441	< 0.0025	< 0.0020	4.73	
	11/15/2022	0.74	110	47	0.10	7.15	45	530	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.659	< 0.0025	< 0.0020	3.90	
	2/22/2023	0.46	110	52	0.14	7.51	92	500	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.503	< 0.0025	< 0.0020	4.54	
	5/17/2023	0.29	91	39	< 0.10	7.23	39	400	< 0.0030	< 0.0010	0.055	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.357	< 0.0025	< 0.0020	4.33	
	8/29/2023	0.59	100	47	< 0.10	6.98	43	530	< 0.0020	< 0.0020	0.078	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0020	< 0.574	< 0.0050	< 0.0010	4.40	
	11/7/2023	0.45	110	50	< 0.10	6.95	68	590	< 0.0030	< 0.0010	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.356	0.0026	< 0.0020	2.93	
	2/21/2024	1.5	120	46	0.10	7.12	81	580	< 0.0030	< 0.0010	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.528	< 0.0025	< 0.0020	17.88	
	6/19/2024	0.14	100	78	0.12	6.48	29	550	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.688	< 0.0025	< 0.0020	10.24	
	9/11/2024	0.18	78	F1 61	0.15	7.17	35	430	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.546	< 0.0025	< 0.0020	8.24	
	11/21/2024	1.4	110	46	0.11	7.03	51	580	< 0.0030	< 0.0010	0.089	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.736	< 0.0025	< 0.0020	3.44	
2/27/2025	2.1	120	52	< 0.10	6.98	48	560	< 0.0030	< 0.0010	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.566	0.0033	< 0.0020	8.59		
5/21/2025	0.20	100	84	0.11	7.01	31	470	< 0.0030	< 0.0010	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.770	< 0.0025	< 0.0020	7.27		
MW-02 downgradient	6/20/2017	0.33	90	55	0.19	7.01	47	500	< 0.0030	0.0012	0.075	< 0.0010												

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL, Sand and Gravel Unit.

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	Selenium	Thallium	Turbidity
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-03 downgradient	6/20/2017	0.37	76	54	0.29	7.26	49	480	< 0.0030	0.0013	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.325	< 0.0025	< 0.0020	NA
	8/23/2017	0.40	79	52	0.28	7.44	52	430	< 0.0030	0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.20	< 0.0025	< 0.0020	NA
	11/7/2017	0.31	79	62	0.26	7.04	61	460	< 0.0030	0.0013	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.588	< 0.0025	< 0.0020	NA
	5/15/2018	0.35	87	66	0.27	7.53	77	520	< 0.0030	0.0010	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.489	< 0.0025	< 0.0020	NA
	8/7/2018	0.40	82	67	0.22	6.60	49	500	< 0.0030	0.0015	0.067	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.341	< 0.0025	< 0.0020	NA
	10/30/2018	0.20	74	44	0.25	7.84	26	400	< 0.0030	0.0014	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.354	< 0.0025	< 0.0020	NA
	2/26/2019	0.056	74	56	0.24	7.49	25	410	< 0.0030	0.0013	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00072	< 0.010	< 0.00020	< 0.0050	< 0.399	< 0.0025	< 0.0020	NA
	4/30/2019	0.28	74	49	0.22	7.17	38	390	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.668	< 0.0025	< 0.0020	NA
	8/26/2019	0.31	75	50	0.26	7.17	14	380	< 0.0030	0.0014	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.444	< 0.0025	< 0.0020	NA
	2/24/2020	0.33	87	53	0.22	7.10	65	470	< 0.0030	< 0.0010	0.066	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.400	< 0.0025	< 0.0020	NA
	4/28/2020	0.24	86	46	0.22	7.03	79	410	NA	0.0013	0.066	NA	NA	< 0.0050	< 0.0010	< 0.00050	NA	NA	< 0.0050	< 0.498	0.0036	NA	NA
	12/9/2020	0.86	92	45	0.28	7.46	60	390	NA	< 0.0010	0.086	NA	NA	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.432	< 0.0025	NA	NA
	5/11/2021	0.22	75	49	0.21	7.33	38	390	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.519	< 0.0025	< 0.0020	2.68
	8/24/2021	0.41	81	46	0.25	7.15	32	310	< 0.0030	0.0012	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.444	< 0.0025	< 0.0020	5.75
	11/30/2021	0.30	76	47	0.26	7.20	^< 23	350	< 0.0030	0.0014	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.004	< 0.00020	< 0.0050	< 0.436	< 0.0025	< 0.0020	0.00
	2/8/2022	0.20	94	47	0.21	7.22	50	550	< 0.0030	0.0010	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.003	< 0.00020	< 0.0050	< 0.593	< 0.0025	< 0.0020	0.00
	6/7/2022	0.37	79	45	0.22	7.37	47	370	< 0.0030	0.0012	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.851	< 0.0025	< 0.0020	1.72
	8/30/2022	0.57	87	50	0.21	7.10	0.10	710	< 0.0030	< 0.0010	0.10	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	< 0.0050	0.589	< 0.0025	< 0.0020	2.67
	11/14/2022	0.42	81	49	0.28	7.23	44	430	< 0.0030	< 0.0010	0.11	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.540	< 0.0025	< 0.0020	4.03
	2/21/2023	1.0	96	53	0.20	7.75	70	550	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.493	< 0.0025	< 0.0020	2.33
	5/16/2023	0.15	80	69	0.21	7.42	31	420	< 0.0030	< 0.0010	0.068	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.993	0.0038	< 0.0020	6.94
	8/28/2023	0.32	73	82	0.20	7.28	36	430	< 0.0020	< 0.0020	0.096	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0023	< 0.742	0.0070	0.0030	1.45
	11/7/2023	1.1	90	59	0.19	7.29	91	530	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	< 0.0050	< 0.0758	0.0055	< 0.0020	2.29
	2/22/2024	0.19	88	64	0.20	7.51	66	520	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.698	0.0058	< 0.0020	10.24
	6/19/2024	0.93	100	54	0.24	6.80	73	540	< 0.0030	0.0011	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+< 0.010	< 0.00020	< 0.0050	< 0.727	< 0.0025	< 0.0020	7.26
9/10/2024	0.21	78	68	0.19	7.27	21	420	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.684	< 0.0025	< 0.0020	8.64	
11/19/2024	0.67	84	58	0.18	7.18	48	510	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0657	< 0.0025	< 0.0020	3.83	
2/25/2025	0.35	92	64	0.18	7.14	39	470	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.331	0.0047	< 0.0020	6.12	
5/20/2025	0.18	84	92	0.21	7.27	32	460	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.0579	0.0059	< 0.0020	5.27	
MW-04 downgradient	6/20/2017	0.47	77	55	0.29	7.45	53	480	< 0.0030	< 0.0010	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.343	< 0.0025	< 0.0020	NA
	8/28/2017	V 0.73	110	89	0.33	7.13	110	680	< 0.0030	< 0.0010	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.013	< 0.246	< 0.0025	< 0.0020	NA
	11/7/2017	0.60	110	94	0.24	6.80	130	650	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.332	0.0092	< 0.0020	NA
	5/15/2018	0.68	87	66	0.27	7.63	100	630	< 0.0030	< 0.0010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.661	< 0.0025	< 0.0020	NA
	8/7/2018	0.79	84	71	0.32	6.72	49	510	< 0.0030	0.0011	0.031	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0060	< 0.334	< 0.0025	< 0.0020	NA
	10/30/2018	0.54	100	80	0.24	7.55	91	690	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.423	< 0.0025	< 0.0020	NA
	2/26/2019	0.38	79	55	0.25	7.18	52	490	< 0.0030	0.0013	0.033	< 0.0010	< 0.00050	< 0.0050	0.0012	< 0.010	< 0.00020	< 0.0050	0.366	< 0.0025	< 0.0020	NA	
	4/30/2019	0.36	74	48	0.25	7.08	35	380	< 0.0030	< 0.0010	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.684	< 0.0025	< 0.0020	NA
	8/26/2019	0.64	91	60	0.24	7.08	14	490	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0080	1.09	< 0.0025	< 0.0020	NA
	2/24/2020	0.34	81	49	0.20	7.05	67	440	< 0.0030	< 0.0010	0.024	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.595	< 0.0025	< 0.0020	NA
	4/28/2020	0.55	76	52	0.27	7.03	47	380	NA	< 0.0010	0.025	NA	NA	< 0.0050	< 0.0010	< 0.00050	NA	NA	< 0.0050	< 0.465	< 0.0025	NA	NA
	12/9/2020	0.																					

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL, Sand and Gravel Unit.

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	Selenium	Thallium	Turbidity
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-05 downgradient	5/17/2016	0.70	100	85	0.35	7.08	120	660	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.373	< 0.0025	< 0.0020	NA
	8/16/2016	0.69	110	97	0.30	6.85	150	830	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.452	< 0.0025	< 0.0020	NA
	11/15/2016	0.93	94	66	0.23	6.96	77	620	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.449	< 0.0025	< 0.0020	NA
	2/14/2017	0.79	100	100	0.25	7.25	170	760	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00091	< 0.010	< 0.0002	< 0.0050	< 0.359	< 0.0025	< 0.0020	NA
	5/1/2017	0.70	100	92	0.28	7.60	170	710	< 0.0030	< 0.0010	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.439	< 0.0025	< 0.0020	NA
	6/20/2017	0.64	89	63	0.28	7.32	78	550	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	< 0.365	< 0.0025	< 0.0020	NA
	8/28/2017	0.62	110	120	0.33	7.05	210	870	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0085	0.381	< 0.0025	< 0.0020	NA
	11/7/2017	0.51	99	110	0.31	6.87	160	990	< 0.0030	< 0.0010	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.341	< 0.0025	< 0.0020	NA
	5/15/2018	0.61	130	89	0.29	7.70	210	910	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.390	< 0.0025	< 0.0020	NA
	8/7/2018	0.49	110	120	0.32	6.56	180	890	< 0.0030	< 0.0010	0.054	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0069	0.523	< 0.0025	< 0.0020	NA
	4/30/2019	0.56	84	73	0.36	6.96	120	590	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	< 0.709	< 0.0025	< 0.0020	NA
	8/26/2019	0.57	110	75	0.29	7.01	110	660	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0067	0.651	< 0.0025	< 0.0020	NA
	2/24/2020	0.54	110	70	0.36	6.90	120	H 700	< 0.0030	< 0.0010	0.057	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	0.506	< 0.0025	< 0.0020	NA
	4/28/2020	0.49	110	56	0.37	6.87	130	620	NA	0.0010	0.052	NA	NA	< 0.0050	< 0.0010	< 0.00050	NA	NA	0.0074	0.508	< 0.0025	NA	NA
	12/9/2020	0.53	98	78	0.31	6.91	110	670	NA	< 0.0010	0.050	NA	NA	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0072	0.569	< 0.0025	NA	NA
	5/11/2021	0.50	83	52	0.38	7.20	100	530	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0062	< 0.525	< 0.0025	< 0.0020	1.82
	8/24/2021	0.55	88	69	0.32	6.84	99	500	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	0.0070	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0073	0.863	< 0.0025	< 0.0020	3.20
	11/30/2021	0.68	99	67	0.3	6.92	99	620	< 0.0030	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0052	< 0.0002	0.0051	0.632	< 0.0025	< 0.0020	0.00
	2/8/2022	0.56	88	68	0.36	6.95	91	650	< 0.0030	< 0.0010	0.043	< 0.0010	0.00066	< 0.0050	0.0023	0.0017	0.0051	< 0.0002	0.0070	< 0.438	< 0.0025	< 0.0020	0.00
	6/7/2022	0.59	110	58	0.27	7.15	120	650	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	0.00034	< 0.0050	< 0.468	< 0.0025	< 0.0020	2.33
	8/30/2022	0.69	79	73	0.38	6.96	86	720	< 0.0030	< 0.0010	0.029	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.0002	0.0073	< 0.538	< 0.0025	< 0.0020	2.70
	11/14/2022	1.1	96	64	0.29	6.87	93	600	< 0.0030	< 0.0010	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0064	< 0.573	< 0.0025	< 0.0020	2.05
	2/21/2023	0.68	100	93	0.29	7.34	97	760	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.528	0.031	< 0.0020	2.16
	5/16/2023	0.78	110	79	0.30	7.04	130	690	< 0.0030	< 0.0010	0.053	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.648	< 0.0025	< 0.0020	2.55
	8/29/2023	1.1	98	80	0.29	6.99	83	660	< 0.0020	< 0.0020	0.037	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0040	0.817	< 0.005	< 0.0010	1.50
11/7/2023	1.5	110	98	0.26	6.96	150	700	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	< 0.0050	0.428	0.0025	< 0.0020	2.50	
2/22/2024	3.3	120	93	0.30	7.17	190	830	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.965	< 0.0025	< 0.0020	7.08	
6/19/2024	1.8	140	82	0.33	6.74	190	850	< 0.0030	< 0.0010	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+< 0.010	< 0.00020	< 0.0050	< 0.797	< 0.0025	< 0.0020	7.56	
9/10/2024	2.3	100	61	0.26	7.10	120	670	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00059	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0065	2.74	< 0.0025	< 0.0020	8.70	
11/19/2024	1.8	120	74	0.27	6.90	120	730	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.844	< 0.0025	< 0.0020	3.18	
2/25/2025	2.1	130	96	0.24	6.94	160	750	< 0.0030	< 0.0010	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0050	0.873	< 0.0025	< 0.0020	6.34	
5/20/2025	2.0	120	97	0.35	6.95	140	770	< 0.0030	< 0.0010	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0785	< 0.0025	< 0.0020	5.56	
MW-07 downgradient	6/18/2024	0.79	230	130	0.50	6.56	49	1100	< 0.0030	0.12	0.48	< 0.0010	< 0.00050	0.0073	0.0088	0.0051	^1+< 0.010	< 0.00020	0.0058	< 1.29	< 0.0025	< 0.0020	40.69
	9/10/2024	0.39	250	140	0.39	6.69	24	1000	< 0.0030	0.14	0.49	< 0.0010	< 0.00050	< 0.0050	0.0074	0.0010	< 0.010	< 0.00020	0.0069	6.30	< 0.0025	< 0.0020	17.49
	11/20/2024	0.51	230	150	0.43	6.74	45	1100	< 0.0030	0.10	0.48	< 0.0010	< 0.00050	< 0.0050	0.0070	0.0015	< 0.010	< 0.00020	0.0065	1.51	< 0.0025	< 0.0020	25.87
	2/26/2025	0.50	280	150	0.43	6.64	39	1000	< 0.0030	0.15	0.56	^1+< 0.0010	< 0.00070	< 0.0050	0.010	0.0033	< 0.010	< 0.00020	0.0092	0.970	< 0.0025	< 0.0020	53.00
	5/19/2025	0.65	230	150	0.47	6.71	49	920	< 0.0030	0.11	0.52	< 0.0010	< 0.00050	0.0092	0.011	0.0048	< 0.010	< 0.00020	0.010	< 0.527	< 0.0025	< 0.0020	17.57
MW-10 upgradient	6/22/2017	0.46	100	48	0.19	6.81	54	1.0	< 0.0030	0.0023	0.25	< 0.0010	< 0.00050	< 0.0050	0.0075	0.0026	< 0.010	< 0.00020	< 0.0050	0.408	0.0042	< 0.0020	NA
	8/24/2017	0.32	93	51	0.18	7.14	57	480	< 0.0030	0.0020	0.22	< 0.0010	< 0.00050	< 0.0050	0.0071	0.0028	< 0.010	< 0.00020	< 0.0050	0.564	0.0044	< 0.0020	NA
	11/9/2017	0.36	98	48	0.18	6.78	64	500	< 0.0030	< 0.0010	0.22	< 0.0010	< 0.00050	< 0.0050	0.0035	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.02	0.0034	< 0.0020	NA

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 6/7/2025 8:36:31 AM

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-268590-1

Eurofins Chicago

Job Notes

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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR

Job ID: 500-268590-1

Job ID: 500-268590-1

Eurofins Chicago

Job Narrative 500-268590-1

Receipt

The samples were received on 5/20/2025 9:20 AM, 5/21/2025 9:20 AM, 5/22/2025 9:15 AM and 5/23/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.9°C, 1.1°C, 1.8°C, 2.4°C, 3.7°C, 4.1°C and 5.7°C.

Receipt Exceptions

Sample #19- MW-17 COC list 7 containers however only received 3 ,missing one- 1 liter for TDS and 3-1 liters for RAD). Logged metals, SO4/F/CL, and TDS (sufficient unpreserved volume to run TDS received). Did not log RAD.

Metals

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-14 (500-268590-14), MW-10 (500-268590-18) and MW-18A (500-268590-21). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-819321 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Chicago

Method Summary

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

Job ID: 500-268590-1

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

Protocol References:

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-268590-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268590-1	MW-06	Water	05/19/25 13:00	05/20/25 09:20
500-268590-2	MW-07	Water	05/19/25 11:56	05/20/25 09:20
500-268590-3	MW-08	Water	05/19/25 11:09	05/20/25 09:20
500-268590-4	MW-09	Water	05/19/25 14:47	05/20/25 09:20
500-268590-5	MW-02	Water	05/20/25 08:20	05/21/25 09:20
500-268590-6	MW-03	Water	05/20/25 09:11	05/21/25 09:20
500-268590-7	MW-04	Water	05/20/25 10:05	05/21/25 09:20
500-268590-8	MW-05	Water	05/20/25 11:05	05/21/25 09:20
500-268590-9	Duplicate 1	Water	05/20/25 00:00	05/21/25 09:20
500-268590-10	Duplicate 2	Water	05/20/25 00:00	05/21/25 09:20
500-268590-11	Duplicate 3	Water	05/20/25 00:00	05/21/25 09:20
500-268590-12	MW-11	Water	05/20/25 12:27	05/21/25 09:20
500-268590-13	MW-12R	Water	05/21/25 09:27	05/22/25 09:15
500-268590-14	MW-14	Water	05/21/25 11:58	05/22/25 09:15
500-268590-15	MW-15	Water	05/21/25 11:00	05/22/25 09:15
500-268590-16	MW-16	Water	05/21/25 13:10	05/22/25 09:15
500-268590-17	MW-01	Water	05/21/25 08:22	05/22/25 09:15
500-268590-18	MW-10	Water	05/20/25 14:02	05/22/25 09:15
500-268590-19	MW-17	Water	05/22/25 12:25	05/23/25 09:40
500-268590-20	MW-18	Water	05/22/25 08:49	05/23/25 09:40
500-268590-21	MW-18A	Water	05/22/25 09:25	05/23/25 09:40
500-268590-22	MW-19	Water	05/22/25 11:17	05/23/25 09:40
500-268590-23	MW-21D	Water	05/22/25 10:28	05/23/25 09:40
500-268590-24	MW-22	Water	05/22/25 11:52	05/23/25 09:40

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-06
Date Collected: 05/19/25 13:00
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-1
Matrix: Water

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		05/27/25 15:31	05/28/25 16:32	1
Arsenic	0.0025		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Barium	0.065		0.0025		mg/L		05/27/25 15:31	05/28/25 16:32	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Boron	0.36		0.050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Calcium	94		0.20		mg/L		05/27/25 15:31	05/28/25 16:32	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Molybdenum	0.011		0.0050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:32	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760		10		mg/L			05/23/25 07:41	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			05/28/25 12:01	5
Fluoride (SM 4500 F C)	0.45		0.10		mg/L			05/21/25 12:34	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			06/03/25 11:46	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:35	1
Arsenic	0.11		0.0010		mg/L		05/27/25 15:31	05/28/25 16:35	1
Barium	0.52		0.0025		mg/L		05/27/25 15:31	05/28/25 16:35	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:35	1
Boron	0.65		0.050		mg/L		05/27/25 15:31	05/28/25 16:35	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:35	1
Calcium	230		0.20		mg/L		05/27/25 15:31	05/28/25 16:35	1
Chromium	0.0092		0.0050		mg/L		05/27/25 15:31	05/28/25 16:35	1
Cobalt	0.011		0.0010		mg/L		05/27/25 15:31	05/28/25 16:35	1
Lead	0.0048		0.00050		mg/L		05/27/25 15:31	05/28/25 16:35	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:35	1
Molybdenum	0.010		0.0050		mg/L		05/27/25 15:31	05/28/25 16:35	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:35	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	920		10		mg/L			05/23/25 07:44	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			05/28/25 12:01	5
Fluoride (SM 4500 F C)	0.47		0.10		mg/L			05/21/25 12:36	1
Sulfate (SM 4500 SO4 E)	49		10		mg/L			06/03/25 11:46	2

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:38	1
Arsenic	0.0024		0.0010		mg/L		05/27/25 15:31	05/28/25 16:38	1
Barium	0.12		0.0025		mg/L		05/27/25 15:31	05/28/25 16:38	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:38	1
Boron	0.51		0.050		mg/L		05/27/25 15:31	05/28/25 16:38	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:38	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:38	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:38	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:38	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:38	1
Lithium	0.018		0.010		mg/L		05/27/25 15:31	05/28/25 16:38	1
Molybdenum	0.0090		0.0050		mg/L		05/27/25 15:31	05/28/25 16:38	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:38	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	690		10		mg/L			05/23/25 07:47	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			05/28/25 12:01	5
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			05/21/25 12:39	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			06/03/25 11:47	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:40	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:40	1
Barium	0.040		0.0025		mg/L		05/27/25 15:31	05/28/25 16:40	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:40	1
Boron	2.5		0.050		mg/L		05/27/25 15:31	05/28/25 16:40	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:40	1
Calcium	85		0.20		mg/L		05/27/25 15:31	05/28/25 16:40	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:40	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:40	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:40	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:40	1
Molybdenum	0.023		0.0050		mg/L		05/27/25 15:31	05/28/25 16:40	1
Selenium	0.010		0.0025		mg/L		05/27/25 15:31	05/28/25 16:40	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	470		10		mg/L			05/23/25 07:50	1
Chloride (SM 4500 Cl- E)	31		2.0		mg/L			05/28/25 11:44	1
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			05/21/25 12:43	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			06/03/25 11:47	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-02
Date Collected: 05/20/25 08:20
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-5
Matrix: Water

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		05/27/25 15:31	05/28/25 16:43	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Barium	0.10		0.0025		mg/L		05/27/25 15:31	05/28/25 16:43	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Boron	2.3		0.050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:43	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Selenium	0.0026		0.0025		mg/L		05/27/25 15:31	05/28/25 16:43	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	570		10		mg/L			05/27/25 01:21	1
Chloride (SM 4500 Cl- E)	52		4.0		mg/L			05/28/25 12:02	2
Fluoride (SM 4500 F C)	0.15		0.10		mg/L			05/29/25 07:41	1
Sulfate (SM 4500 SO4 E)	86		10		mg/L			06/03/25 11:47	2

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-03
Date Collected: 05/20/25 09:11
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-6
Matrix: Water

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		05/27/25 15:31	05/28/25 16:46	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Barium	0.11		0.0025		mg/L		05/27/25 15:31	05/28/25 16:46	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Boron	0.18		0.050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Calcium	84		0.20		mg/L		05/27/25 15:31	05/28/25 16:46	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Selenium	0.0059		0.0025		mg/L		05/27/25 15:31	05/28/25 16:46	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	460		10		mg/L			05/27/25 01:24	1
Chloride (SM 4500 Cl- E)	92		10		mg/L			05/28/25 12:02	5
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			05/29/25 07:46	1
Sulfate (SM 4500 SO4 E)	32		5.0		mg/L			06/03/25 11:32	1

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-04
Date Collected: 05/20/25 10:05
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-7
Matrix: Water

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		05/27/25 15:31	05/28/25 16:54	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Barium	0.052		0.0025		mg/L		05/27/25 15:31	05/28/25 16:54	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Boron	3.2		0.050		mg/L		05/27/25 15:31	05/29/25 11:00	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:54	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:54	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	580		10		mg/L			05/27/25 01:26	1
Chloride (SM 4500 Cl- E)	57		4.0		mg/L			05/28/25 12:02	2
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			05/29/25 07:50	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			06/03/25 11:48	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:57	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:57	1
Barium	0.038		0.0025		mg/L		05/27/25 15:31	05/28/25 16:57	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:57	1
Boron	2.0		0.050		mg/L		05/27/25 15:31	05/29/25 11:02	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:57	1
Calcium	120		0.20		mg/L		05/27/25 15:31	05/28/25 16:57	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:57	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:57	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:57	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:57	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:57	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:57	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	770		10		mg/L			05/27/25 01:29	1
Chloride (SM 4500 Cl- E)	97		10		mg/L			05/28/25 12:03	5
Fluoride (SM 4500 F C)	0.35		0.10		mg/L			05/29/25 07:53	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			06/03/25 11:48	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:59	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:59	1
Barium	0.10		0.0025		mg/L		05/27/25 15:31	05/28/25 16:59	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:59	1
Boron	2.2		0.050		mg/L		05/27/25 15:31	05/29/25 11:05	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:59	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:59	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:59	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:59	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:59	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:59	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:59	1
Selenium	0.0030		0.0025		mg/L		05/27/25 15:31	05/28/25 16:59	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	580		10		mg/L			05/27/25 01:31	1
Chloride (SM 4500 Cl- E)	51		4.0		mg/L			05/28/25 12:03	2
Fluoride (SM 4500 F C)	0.15		0.10		mg/L			05/29/25 07:57	1
Sulfate (SM 4500 SO4 E)	85		10		mg/L			06/03/25 11:48	2

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 17:02	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 17:02	1
Barium	0.038		0.0025		mg/L		05/27/25 15:31	05/28/25 17:02	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 17:02	1
Boron	2.1		0.050		mg/L		05/27/25 15:31	05/29/25 11:07	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 17:02	1
Calcium	120		0.20		mg/L		05/27/25 15:31	05/28/25 17:02	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 17:02	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 17:02	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 17:02	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 17:02	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 17:02	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 17:02	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 17:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	740		10		mg/L			05/27/25 01:34	1
Chloride (SM 4500 Cl- E)	98		10		mg/L			05/28/25 12:03	5
Fluoride (SM 4500 F C)	0.34		0.10		mg/L			05/29/25 08:01	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			06/03/25 11:48	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 17:05	1
Arsenic	0.0089		0.0010		mg/L		05/27/25 15:31	05/28/25 17:05	1
Barium	0.19		0.0025		mg/L		05/27/25 15:31	05/28/25 17:05	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 17:05	1
Boron	2.2		0.050		mg/L		05/27/25 15:31	05/29/25 11:09	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 17:05	1
Calcium	120		0.20		mg/L		05/27/25 15:31	05/28/25 17:05	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 17:05	1
Cobalt	0.0017		0.0010		mg/L		05/27/25 15:31	05/28/25 17:05	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 17:05	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 17:05	1
Molybdenum	0.015		0.0050		mg/L		05/27/25 15:31	05/28/25 17:05	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 17:05	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 17:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			05/27/25 01:37	1
Chloride (SM 4500 Cl- E)	58		4.0		mg/L			05/28/25 12:03	2
Fluoride (SM 4500 F C)	0.47		0.10		mg/L			05/29/25 08:04	1
Sulfate (SM 4500 SO4 E)	92		10		mg/L			06/03/25 11:49	2

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-11
Date Collected: 05/20/25 12:27
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-12
Matrix: Water

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		05/27/25 15:43	05/28/25 17:13	1
Arsenic	0.014		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Barium	0.19		0.0025		mg/L		05/27/25 15:43	05/28/25 17:13	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Boron	1.9		0.050		mg/L		05/27/25 15:43	05/29/25 11:56	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Calcium	130		0.20		mg/L		05/27/25 15:43	05/28/25 17:13	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Cobalt	0.0017		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Molybdenum	0.014		0.0050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:13	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			05/27/25 01:39	1
Chloride (SM 4500 Cl- E)	65		4.0		mg/L			05/28/25 12:04	2
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			05/29/25 08:08	1
Sulfate (SM 4500 SO4 E)	82		10		mg/L			06/03/25 11:50	2

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:32	1
Arsenic	0.015		0.0010		mg/L		05/27/25 15:43	05/28/25 17:32	1
Barium	0.068		0.0025		mg/L		05/27/25 15:43	05/28/25 17:32	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:32	1
Boron	0.49		0.050		mg/L		05/27/25 15:43	05/29/25 12:08	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:32	1
Calcium	100		0.20		mg/L		05/27/25 15:43	05/28/25 17:32	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:32	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:32	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:32	1
Lithium	0.012		0.010		mg/L		05/27/25 15:43	05/28/25 17:32	1
Molybdenum	0.014		0.0050		mg/L		05/27/25 15:43	05/28/25 17:32	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:32	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	790		10		mg/L			05/27/25 01:42	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			05/28/25 12:04	5
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			05/29/25 09:29	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			06/03/25 11:50	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-14
Date Collected: 05/21/25 11:58
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-14
Matrix: Water

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		05/27/25 15:43	05/28/25 17:34	1
Arsenic	0.0024		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Barium	0.046		0.0025		mg/L		05/27/25 15:43	05/28/25 17:34	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Boron	2.7		0.25		mg/L		05/27/25 15:43	05/29/25 12:10	5
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Calcium	260		1.0		mg/L		05/27/25 15:43	05/29/25 12:10	5
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Lithium	0.022		0.010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Molybdenum	0.097		0.0050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Selenium	0.0054		0.0025		mg/L		05/27/25 15:43	05/28/25 17:34	1
Thallium	0.0036		0.0020		mg/L		05/27/25 15:43	05/28/25 17:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3300		17		mg/L			05/27/25 01:44	1
Chloride (SM 4500 Cl- E)	85		4.0		mg/L			05/28/25 12:05	2
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			05/29/25 09:33	1
Sulfate (SM 4500 SO4 E)	1400		500		mg/L			06/03/25 12:02	100

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-15
Date Collected: 05/21/25 11:00
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-15
Matrix: Water

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		05/27/25 15:43	05/28/25 17:37	1
Arsenic	0.026		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Barium	0.080		0.0025		mg/L		05/27/25 15:43	05/28/25 17:37	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Boron	1.4		0.050		mg/L		05/27/25 15:43	05/29/25 12:18	1
Cadmium	0.00066		0.00050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Calcium	190		0.20		mg/L		05/27/25 15:43	05/28/25 17:37	1
Chromium	0.0060		0.0050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Cobalt	0.0015		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Lithium	0.021		0.010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Molybdenum	0.057		0.0050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Selenium	0.015		0.0025		mg/L		05/27/25 15:43	05/28/25 17:37	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			05/27/25 01:47	1
Chloride (SM 4500 Cl- E)	290		20		mg/L			05/28/25 12:05	10
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			05/29/25 09:36	1
Sulfate (SM 4500 SO4 E)	220		25		mg/L			06/03/25 11:51	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-16
Date Collected: 05/21/25 13:10
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-16
Matrix: Water

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		05/27/25 15:43	05/28/25 17:40	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Barium	0.042		0.0025		mg/L		05/27/25 15:43	05/28/25 17:40	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Boron	0.15		0.050		mg/L		05/27/25 15:43	05/29/25 12:20	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Calcium	120		0.20		mg/L		05/27/25 15:43	05/28/25 17:40	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:40	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	470		10		mg/L			05/27/25 03:04	1
Chloride (SM 4500 Cl- E)	26		2.0		mg/L			06/01/25 12:07	1
Fluoride (SM 4500 F C)	<0.10		0.10		mg/L			05/29/25 09:38	1
Sulfate (SM 4500 SO4 E)	34		5.0		mg/L			06/03/25 11:34	1

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:42	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:42	1
Barium	0.075		0.0025		mg/L		05/27/25 15:43	05/28/25 17:42	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:42	1
Boron	0.20		0.050		mg/L		05/27/25 15:43	05/29/25 12:22	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:42	1
Calcium	100		0.20		mg/L		05/27/25 15:43	05/28/25 17:42	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:42	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:42	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:42	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:42	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:42	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:42	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	470		10		mg/L			05/27/25 23:24	1
Chloride (SM 4500 Cl- E)	84		4.0		mg/L			06/01/25 12:26	2
Fluoride (SM 4500 F C)	0.11		0.10		mg/L			05/29/25 09:52	1
Sulfate (SM 4500 SO4 E)	31		5.0		mg/L			06/03/25 11:34	1

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:45	1
Arsenic	0.0011		0.0010		mg/L		05/27/25 15:43	05/28/25 17:45	1
Barium	0.28		0.0025		mg/L		05/27/25 15:43	05/28/25 17:45	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:45	1
Boron	6.2		0.25		mg/L		05/27/25 15:43	05/29/25 12:25	5
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:45	1
Calcium	130		0.20		mg/L		05/27/25 15:43	05/28/25 17:45	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:45	1
Cobalt	0.0053		0.0010		mg/L		05/27/25 15:43	05/28/25 17:45	1
Lead	0.00086		0.00050		mg/L		05/27/25 15:43	05/28/25 17:45	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:45	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:45	1
Selenium	0.0081		0.0025		mg/L		05/27/25 15:43	05/28/25 17:45	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	680		10		mg/L			05/27/25 23:31	1
Chloride (SM 4500 Cl- E)	48		4.0		mg/L			06/01/25 12:26	2
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			05/29/25 09:56	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			06/03/25 11:51	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-17

Lab Sample ID: 500-268590-19

Date Collected: 05/22/25 12:25

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:56	1
Arsenic	0.0087		0.0010		mg/L		05/27/25 15:43	05/28/25 17:56	1
Barium	0.045		0.0025		mg/L		05/27/25 15:43	05/28/25 17:56	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:56	1
Boron	1.2		0.050		mg/L		05/27/25 15:43	05/29/25 12:27	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:56	1
Calcium	150		0.20		mg/L		05/27/25 15:43	05/28/25 17:56	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:56	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:56	1
Lead	0.00060		0.00050		mg/L		05/27/25 15:43	05/28/25 17:56	1
Lithium	0.011		0.010		mg/L		05/27/25 15:43	05/28/25 17:56	1
Molybdenum	0.023		0.0050		mg/L		05/27/25 15:43	05/28/25 17:56	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:56	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1200		10		mg/L			05/27/25 23:37	1
Chloride (SM 4500 Cl- E)	170		10		mg/L			06/01/25 12:26	5
Fluoride (SM 4500 F C)	0.69		0.10		mg/L			05/30/25 11:47	1
Sulfate (SM 4500 SO4 E)	430		50		mg/L			06/03/25 11:52	10

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:58	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:58	1
Barium	0.10		0.0025		mg/L		05/27/25 15:43	05/28/25 17:58	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:58	1
Boron	0.70		0.050		mg/L		05/27/25 15:43	05/29/25 12:30	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:58	1
Calcium	120		0.20		mg/L		05/27/25 15:43	05/28/25 17:58	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:58	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:58	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:58	1
Lithium	0.011		0.010		mg/L		05/27/25 15:43	05/28/25 17:58	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:58	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:58	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			05/27/25 23:39	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			06/01/25 12:27	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			05/30/25 11:49	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			06/03/25 11:52	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 18:06	1
Arsenic	0.0072		0.0010		mg/L		05/27/25 15:43	05/28/25 18:06	1
Barium	0.46		0.0025		mg/L		05/27/25 15:43	05/28/25 18:06	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:06	1
Boron	0.43		0.050		mg/L		05/27/25 15:43	05/28/25 18:06	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:06	1
Calcium	280		1.0		mg/L		05/27/25 15:43	05/29/25 12:32	5
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:06	1
Cobalt	0.0032		0.0010		mg/L		05/27/25 15:43	05/28/25 18:06	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:06	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 18:06	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:06	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 18:06	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 18:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/29/25 13:35	05/30/25 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			05/27/25 23:42	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			06/01/25 12:27	5
Fluoride (SM 4500 F C)	0.34		0.10		mg/L			05/30/25 11:52	1
Sulfate (SM 4500 SO4 E)	47		5.0		mg/L			06/03/25 12:35	1

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 18:09	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:09	1
Barium	0.064		0.0025		mg/L		05/27/25 15:43	05/28/25 18:09	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:09	1
Boron	2.6		0.050		mg/L		05/27/25 15:43	05/28/25 18:09	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:09	1
Calcium	77		0.20		mg/L		05/27/25 15:43	05/28/25 18:09	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:09	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:09	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:09	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 18:09	1
Molybdenum	0.037		0.0050		mg/L		05/27/25 15:43	05/28/25 18:09	1
Selenium	0.013		0.0025		mg/L		05/27/25 15:43	05/28/25 18:09	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 18:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/29/25 13:35	05/30/25 10:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	490		10		mg/L			05/29/25 00:16	1
Chloride (SM 4500 Cl- E)	31		2.0		mg/L			06/01/25 12:08	1
Fluoride (SM 4500 F C)	0.16		0.10		mg/L			05/30/25 11:55	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			06/03/25 12:49	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 18:12	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:12	1
Barium	0.074		0.0025		mg/L		05/27/25 15:43	05/28/25 18:12	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:12	1
Boron	0.53		0.050		mg/L		05/27/25 15:43	05/28/25 18:12	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:12	1
Calcium	86		0.20		mg/L		05/27/25 15:43	05/28/25 18:12	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:12	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:12	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:12	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 18:12	1
Molybdenum	0.026		0.0050		mg/L		05/27/25 15:43	05/28/25 18:12	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 18:12	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 18:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/29/25 13:35	05/30/25 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760		10		mg/L			05/29/25 00:23	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			06/01/25 12:27	5
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			05/30/25 11:59	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			06/03/25 12:50	5

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-22
Date Collected: 05/22/25 11:52
Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-24
Matrix: Water

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		05/27/25 15:43	05/28/25 18:14	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Barium	0.092		0.0025		mg/L		05/27/25 15:43	05/28/25 18:14	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Boron	2.1		0.050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Calcium	120		0.20		mg/L		05/27/25 15:43	05/28/25 18:14	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Cobalt	0.0021		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Molybdenum	0.031		0.0050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Selenium	0.020		0.0025		mg/L		05/27/25 15:43	05/28/25 18:14	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 18:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/29/25 13:35	05/30/25 10:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			05/29/25 00:29	1
Chloride (SM 4500 Cl- E)	34		2.0		mg/L			06/01/25 12:09	1
Fluoride (SM 4500 F C)	0.34		0.10		mg/L			05/30/25 12:11	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			06/03/25 12:50	5

Definitions/Glossary

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

Job ID: 500-268590-1

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.

General Chemistry

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

Glossary

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

QC Association Summary

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

Job ID: 500-268590-1

Metals

Prep Batch: 819153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total Recoverable	Water	3005A	
500-268590-2	MW-07	Total Recoverable	Water	3005A	
500-268590-3	MW-08	Total Recoverable	Water	3005A	
500-268590-4	MW-09	Total Recoverable	Water	3005A	
500-268590-5	MW-02	Total Recoverable	Water	3005A	
500-268590-6	MW-03	Total Recoverable	Water	3005A	
500-268590-7	MW-04	Total Recoverable	Water	3005A	
500-268590-8	MW-05	Total Recoverable	Water	3005A	
500-268590-9	Duplicate 1	Total Recoverable	Water	3005A	
500-268590-10	Duplicate 2	Total Recoverable	Water	3005A	
500-268590-11	Duplicate 3	Total Recoverable	Water	3005A	
MB 500-819153/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-819153/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 819156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-12	MW-11	Total Recoverable	Water	3005A	
500-268590-13	MW-12R	Total Recoverable	Water	3005A	
500-268590-14	MW-14	Total Recoverable	Water	3005A	
500-268590-15	MW-15	Total Recoverable	Water	3005A	
500-268590-16	MW-16	Total Recoverable	Water	3005A	
500-268590-17	MW-01	Total Recoverable	Water	3005A	
500-268590-18	MW-10	Total Recoverable	Water	3005A	
500-268590-19	MW-17	Total Recoverable	Water	3005A	
500-268590-20	MW-18	Total Recoverable	Water	3005A	
500-268590-21	MW-18A	Total Recoverable	Water	3005A	
500-268590-22	MW-19	Total Recoverable	Water	3005A	
500-268590-23	MW-21D	Total Recoverable	Water	3005A	
500-268590-24	MW-22	Total Recoverable	Water	3005A	
MB 500-819156/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-819156/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-268590-12 MS	MW-11	Total Recoverable	Water	3005A	
500-268590-12 MSD	MW-11	Total Recoverable	Water	3005A	
500-268590-12 DU	MW-11	Total Recoverable	Water	3005A	

Prep Batch: 819295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	7470A	
500-268590-2	MW-07	Total/NA	Water	7470A	
500-268590-3	MW-08	Total/NA	Water	7470A	
500-268590-4	MW-09	Total/NA	Water	7470A	
500-268590-5	MW-02	Total/NA	Water	7470A	
500-268590-6	MW-03	Total/NA	Water	7470A	
500-268590-7	MW-04	Total/NA	Water	7470A	
500-268590-8	MW-05	Total/NA	Water	7470A	
500-268590-9	Duplicate 1	Total/NA	Water	7470A	
500-268590-10	Duplicate 2	Total/NA	Water	7470A	
500-268590-11	Duplicate 3	Total/NA	Water	7470A	
500-268590-12	MW-11	Total/NA	Water	7470A	
500-268590-13	MW-12R	Total/NA	Water	7470A	
500-268590-14	MW-14	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Prep Batch: 819295 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-15	MW-15	Total/NA	Water	7470A	
500-268590-16	MW-16	Total/NA	Water	7470A	
500-268590-17	MW-01	Total/NA	Water	7470A	
500-268590-18	MW-10	Total/NA	Water	7470A	
500-268590-19	MW-17	Total/NA	Water	7470A	
500-268590-20	MW-18	Total/NA	Water	7470A	
MB 500-819295/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-819295/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-268590-10 MS	Duplicate 2	Total/NA	Water	7470A	
500-268590-10 MSD	Duplicate 2	Total/NA	Water	7470A	
500-268590-10 DU	Duplicate 2	Total/NA	Water	7470A	

Analysis Batch: 819435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total Recoverable	Water	6020B	819153
500-268590-2	MW-07	Total Recoverable	Water	6020B	819153
500-268590-3	MW-08	Total Recoverable	Water	6020B	819153
500-268590-4	MW-09	Total Recoverable	Water	6020B	819153
500-268590-5	MW-02	Total Recoverable	Water	6020B	819153
500-268590-6	MW-03	Total Recoverable	Water	6020B	819153
500-268590-7	MW-04	Total Recoverable	Water	6020B	819153
500-268590-8	MW-05	Total Recoverable	Water	6020B	819153
500-268590-9	Duplicate 1	Total Recoverable	Water	6020B	819153
500-268590-10	Duplicate 2	Total Recoverable	Water	6020B	819153
500-268590-11	Duplicate 3	Total Recoverable	Water	6020B	819153
500-268590-12	MW-11	Total Recoverable	Water	6020B	819156
500-268590-13	MW-12R	Total Recoverable	Water	6020B	819156
500-268590-14	MW-14	Total Recoverable	Water	6020B	819156
500-268590-15	MW-15	Total Recoverable	Water	6020B	819156
500-268590-16	MW-16	Total Recoverable	Water	6020B	819156
500-268590-17	MW-01	Total Recoverable	Water	6020B	819156
500-268590-18	MW-10	Total Recoverable	Water	6020B	819156
500-268590-19	MW-17	Total Recoverable	Water	6020B	819156
500-268590-20	MW-18	Total Recoverable	Water	6020B	819156
500-268590-21	MW-18A	Total Recoverable	Water	6020B	819156
500-268590-22	MW-19	Total Recoverable	Water	6020B	819156
500-268590-23	MW-21D	Total Recoverable	Water	6020B	819156
500-268590-24	MW-22	Total Recoverable	Water	6020B	819156
MB 500-819153/1-A	Method Blank	Total Recoverable	Water	6020B	819153
MB 500-819156/1-A	Method Blank	Total Recoverable	Water	6020B	819156
LCS 500-819153/2-A	Lab Control Sample	Total Recoverable	Water	6020B	819153
LCS 500-819156/2-A	Lab Control Sample	Total Recoverable	Water	6020B	819156
500-268590-12 MS	MW-11	Total Recoverable	Water	6020B	819156
500-268590-12 MSD	MW-11	Total Recoverable	Water	6020B	819156
500-268590-12 DU	MW-11	Total Recoverable	Water	6020B	819156

Analysis Batch: 819497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	7470A	819295
500-268590-2	MW-07	Total/NA	Water	7470A	819295
500-268590-3	MW-08	Total/NA	Water	7470A	819295

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Analysis Batch: 819497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-4	MW-09	Total/NA	Water	7470A	819295
500-268590-5	MW-02	Total/NA	Water	7470A	819295
500-268590-6	MW-03	Total/NA	Water	7470A	819295
500-268590-7	MW-04	Total/NA	Water	7470A	819295
500-268590-8	MW-05	Total/NA	Water	7470A	819295
500-268590-9	Duplicate 1	Total/NA	Water	7470A	819295
500-268590-10	Duplicate 2	Total/NA	Water	7470A	819295
500-268590-11	Duplicate 3	Total/NA	Water	7470A	819295
500-268590-12	MW-11	Total/NA	Water	7470A	819295
500-268590-13	MW-12R	Total/NA	Water	7470A	819295
500-268590-14	MW-14	Total/NA	Water	7470A	819295
500-268590-15	MW-15	Total/NA	Water	7470A	819295
500-268590-16	MW-16	Total/NA	Water	7470A	819295
500-268590-17	MW-01	Total/NA	Water	7470A	819295
500-268590-18	MW-10	Total/NA	Water	7470A	819295
500-268590-19	MW-17	Total/NA	Water	7470A	819295
500-268590-20	MW-18	Total/NA	Water	7470A	819295
MB 500-819295/12-A	Method Blank	Total/NA	Water	7470A	819295
LCS 500-819295/13-A	Lab Control Sample	Total/NA	Water	7470A	819295
500-268590-10 MS	Duplicate 2	Total/NA	Water	7470A	819295
500-268590-10 MSD	Duplicate 2	Total/NA	Water	7470A	819295
500-268590-10 DU	Duplicate 2	Total/NA	Water	7470A	819295

Analysis Batch: 819501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-7	MW-04	Total Recoverable	Water	6020B	819153
500-268590-8	MW-05	Total Recoverable	Water	6020B	819153
500-268590-9	Duplicate 1	Total Recoverable	Water	6020B	819153
500-268590-10	Duplicate 2	Total Recoverable	Water	6020B	819153
500-268590-11	Duplicate 3	Total Recoverable	Water	6020B	819153

Prep Batch: 819518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-21	MW-18A	Total/NA	Water	7470A	
500-268590-22	MW-19	Total/NA	Water	7470A	
500-268590-23	MW-21D	Total/NA	Water	7470A	
500-268590-24	MW-22	Total/NA	Water	7470A	
MB 500-819518/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-819518/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-268590-22 MS	MW-19	Total/NA	Water	7470A	
500-268590-22 MSD	MW-19	Total/NA	Water	7470A	
500-268590-22 DU	MW-19	Total/NA	Water	7470A	

Analysis Batch: 819629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-12	MW-11	Total Recoverable	Water	6020B	819156
500-268590-13	MW-12R	Total Recoverable	Water	6020B	819156
500-268590-14	MW-14	Total Recoverable	Water	6020B	819156
500-268590-15	MW-15	Total Recoverable	Water	6020B	819156
500-268590-16	MW-16	Total Recoverable	Water	6020B	819156
500-268590-17	MW-01	Total Recoverable	Water	6020B	819156

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Analysis Batch: 819629 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-18	MW-10	Total Recoverable	Water	6020B	819156
500-268590-19	MW-17	Total Recoverable	Water	6020B	819156
500-268590-20	MW-18	Total Recoverable	Water	6020B	819156
500-268590-21	MW-18A	Total Recoverable	Water	6020B	819156
MB 500-819156/1-A	Method Blank	Total Recoverable	Water	6020B	819156
LCS 500-819156/2-A	Lab Control Sample	Total Recoverable	Water	6020B	819156
500-268590-12 MS	MW-11	Total Recoverable	Water	6020B	819156
500-268590-12 MSD	MW-11	Total Recoverable	Water	6020B	819156
500-268590-12 DU	MW-11	Total Recoverable	Water	6020B	819156

Analysis Batch: 819696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-21	MW-18A	Total/NA	Water	7470A	819518
500-268590-22	MW-19	Total/NA	Water	7470A	819518
500-268590-23	MW-21D	Total/NA	Water	7470A	819518
500-268590-24	MW-22	Total/NA	Water	7470A	819518
MB 500-819518/12-A	Method Blank	Total/NA	Water	7470A	819518
LCS 500-819518/13-A	Lab Control Sample	Total/NA	Water	7470A	819518
500-268590-22 MS	MW-19	Total/NA	Water	7470A	819518
500-268590-22 MSD	MW-19	Total/NA	Water	7470A	819518
500-268590-22 DU	MW-19	Total/NA	Water	7470A	819518

General Chemistry

Analysis Batch: 818591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	SM 4500 F C	
500-268590-2	MW-07	Total/NA	Water	SM 4500 F C	
500-268590-3	MW-08	Total/NA	Water	SM 4500 F C	
500-268590-4	MW-09	Total/NA	Water	SM 4500 F C	
MB 500-818591/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-818591/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 818808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	SM 2540C	
500-268590-2	MW-07	Total/NA	Water	SM 2540C	
500-268590-3	MW-08	Total/NA	Water	SM 2540C	
500-268590-4	MW-09	Total/NA	Water	SM 2540C	
MB 500-818808/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-818808/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-268590-4 DU	MW-09	Total/NA	Water	SM 2540C	

Analysis Batch: 818989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-5	MW-02	Total/NA	Water	SM 2540C	
500-268590-6	MW-03	Total/NA	Water	SM 2540C	
500-268590-7	MW-04	Total/NA	Water	SM 2540C	
500-268590-8	MW-05	Total/NA	Water	SM 2540C	
500-268590-9	Duplicate 1	Total/NA	Water	SM 2540C	
500-268590-10	Duplicate 2	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-268590-1

General Chemistry (Continued)

Analysis Batch: 818989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-11	Duplicate 3	Total/NA	Water	SM 2540C	
500-268590-12	MW-11	Total/NA	Water	SM 2540C	
500-268590-13	MW-12R	Total/NA	Water	SM 2540C	
500-268590-14	MW-14	Total/NA	Water	SM 2540C	
500-268590-15	MW-15	Total/NA	Water	SM 2540C	
MB 500-818989/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-818989/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 818991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-16	MW-16	Total/NA	Water	SM 2540C	
MB 500-818991/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-818991/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 819186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-17	MW-01	Total/NA	Water	SM 2540C	
500-268590-18	MW-10	Total/NA	Water	SM 2540C	
500-268590-19	MW-17	Total/NA	Water	SM 2540C	
500-268590-20	MW-18	Total/NA	Water	SM 2540C	
500-268590-21	MW-18A	Total/NA	Water	SM 2540C	
MB 500-819186/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-819186/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-268590-17 MS	MW-01	Total/NA	Water	SM 2540C	
500-268590-17 DU	MW-01	Total/NA	Water	SM 2540C	
500-268590-18 DU	MW-10	Total/NA	Water	SM 2540C	

Analysis Batch: 819321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-268590-2	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-268590-3	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-268590-4	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-268590-5	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-268590-6	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-268590-7	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-268590-8	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-268590-9	Duplicate 1	Total/NA	Water	SM 4500 Cl- E	
500-268590-10	Duplicate 2	Total/NA	Water	SM 4500 Cl- E	
500-268590-11	Duplicate 3	Total/NA	Water	SM 4500 Cl- E	
500-268590-12	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-268590-13	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-268590-14	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-268590-15	MW-15	Total/NA	Water	SM 4500 Cl- E	
MB 500-819321/67	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-819321/68	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-268590-15 MS	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-268590-15 MSD	MW-15	Total/NA	Water	SM 4500 Cl- E	

QC Association Summary

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

Job ID: 500-268590-1

General Chemistry

Analysis Batch: 819385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-22	MW-19	Total/NA	Water	SM 2540C	
500-268590-23	MW-21D	Total/NA	Water	SM 2540C	
500-268590-24	MW-22	Total/NA	Water	SM 2540C	
MB 500-819385/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-819385/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-268590-22 MS	MW-19	Total/NA	Water	SM 2540C	
500-268590-22 DU	MW-19	Total/NA	Water	SM 2540C	
500-268590-23 DU	MW-21D	Total/NA	Water	SM 2540C	

Analysis Batch: 819484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-5	MW-02	Total/NA	Water	SM 4500 F C	
500-268590-6	MW-03	Total/NA	Water	SM 4500 F C	
500-268590-7	MW-04	Total/NA	Water	SM 4500 F C	
500-268590-8	MW-05	Total/NA	Water	SM 4500 F C	
500-268590-9	Duplicate 1	Total/NA	Water	SM 4500 F C	
500-268590-10	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-268590-11	Duplicate 3	Total/NA	Water	SM 4500 F C	
500-268590-12	MW-11	Total/NA	Water	SM 4500 F C	
500-268590-13	MW-12R	Total/NA	Water	SM 4500 F C	
500-268590-14	MW-14	Total/NA	Water	SM 4500 F C	
500-268590-15	MW-15	Total/NA	Water	SM 4500 F C	
500-268590-16	MW-16	Total/NA	Water	SM 4500 F C	
500-268590-17	MW-01	Total/NA	Water	SM 4500 F C	
500-268590-18	MW-10	Total/NA	Water	SM 4500 F C	
MB 500-819484/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-819484/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-819484/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-819484/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 819713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-19	MW-17	Total/NA	Water	SM 4500 F C	
500-268590-20	MW-18	Total/NA	Water	SM 4500 F C	
500-268590-21	MW-18A	Total/NA	Water	SM 4500 F C	
500-268590-22	MW-19	Total/NA	Water	SM 4500 F C	
500-268590-23	MW-21D	Total/NA	Water	SM 4500 F C	
500-268590-24	MW-22	Total/NA	Water	SM 4500 F C	
MB 500-819713/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-819713/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 819787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-16	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-268590-17	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-268590-18	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-268590-19	MW-17	Total/NA	Water	SM 4500 Cl- E	
500-268590-20	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-268590-21	MW-18A	Total/NA	Water	SM 4500 Cl- E	
500-268590-22	MW-19	Total/NA	Water	SM 4500 Cl- E	
500-268590-23	MW-21D	Total/NA	Water	SM 4500 Cl- E	

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QC Association Summary

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

Job ID: 500-268590-1

General Chemistry (Continued)

Analysis Batch: 819787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-24	MW-22	Total/NA	Water	SM 4500 Cl- E	
MB 500-819787/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-819787/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 820136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-268590-2	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-268590-3	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-268590-4	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-268590-5	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-268590-6	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-268590-7	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-268590-8	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-268590-9	Duplicate 1	Total/NA	Water	SM 4500 SO4 E	
500-268590-10	Duplicate 2	Total/NA	Water	SM 4500 SO4 E	
500-268590-11	Duplicate 3	Total/NA	Water	SM 4500 SO4 E	
500-268590-12	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-268590-13	MW-12R	Total/NA	Water	SM 4500 SO4 E	
500-268590-14	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-268590-15	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-268590-16	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-268590-17	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-268590-18	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-268590-19	MW-17	Total/NA	Water	SM 4500 SO4 E	
500-268590-20	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-268590-21	MW-18A	Total/NA	Water	SM 4500 SO4 E	
500-268590-22	MW-19	Total/NA	Water	SM 4500 SO4 E	
500-268590-23	MW-21D	Total/NA	Water	SM 4500 SO4 E	
500-268590-24	MW-22	Total/NA	Water	SM 4500 SO4 E	
MB 500-820136/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-820136/67	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-820136/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-820136/68	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-268590-20 MS	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-268590-20 MSD	MW-18	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

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

Job ID: 500-268590-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-819153/1-A
Matrix: Water
Analysis Batch: 819435

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819153

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 15:49	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 15:49	1
Barium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 15:49	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 15:49	1
Boron	<0.050		0.050		mg/L		05/27/25 15:31	05/28/25 15:49	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 15:49	1
Calcium	<0.20		0.20		mg/L		05/27/25 15:31	05/28/25 15:49	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 15:49	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 15:49	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 15:49	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 15:49	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 15:49	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 15:49	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 15:49	1

Lab Sample ID: LCS 500-819153/2-A
Matrix: Water
Analysis Batch: 819435

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 819153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.500	0.515		mg/L		103	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	1.04		mg/L		104	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	10.0	9.13		mg/L		91	80 - 120
Chromium	0.200	0.205		mg/L		102	80 - 120
Cobalt	0.500	0.532		mg/L		106	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.105		mg/L		105	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-819156/1-A
Matrix: Water
Analysis Batch: 819435

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:07	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:07	1
Barium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:07	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:07	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:07	1
Calcium	<0.20		0.20		mg/L		05/27/25 15:43	05/28/25 17:07	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:07	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:07	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:07	1

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: MB 500-819156/1-A
Matrix: Water
Analysis Batch: 819435

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:07	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:07	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:07	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:07	1

Lab Sample ID: MB 500-819156/1-A
Matrix: Water
Analysis Batch: 819629

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		05/27/25 15:43	05/29/25 11:51	1

Lab Sample ID: LCS 500-819156/2-A
Matrix: Water
Analysis Batch: 819435

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.545		mg/L		109	80 - 120
Arsenic	0.100	0.0991		mg/L		99	80 - 120
Barium	0.500	0.514		mg/L		103	80 - 120
Beryllium	0.0500	0.0512		mg/L		102	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	10.0	9.04		mg/L		90	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.500	0.523		mg/L		105	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Lithium	0.100	0.105		mg/L		105	80 - 120
Molybdenum	1.00	1.00		mg/L		100	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 500-819156/2-A
Matrix: Water
Analysis Batch: 819629

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.997		mg/L		100	80 - 120

Lab Sample ID: 500-268590-12 MS
Matrix: Water
Analysis Batch: 819435

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.550		mg/L		110	75 - 125
Arsenic	0.014		0.100	0.116		mg/L		102	75 - 125
Barium	0.19		0.500	0.706		mg/L		103	75 - 125
Beryllium	<0.0010		0.0500	0.0497		mg/L		99	75 - 125
Cadmium	<0.00050		0.0500	0.0512		mg/L		102	75 - 125
Calcium	130		10.0	141	4	mg/L		155	75 - 125
Chromium	<0.0050		0.200	0.197		mg/L		99	75 - 125

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-12 MS
Matrix: Water
Analysis Batch: 819435

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Cobalt	0.0017		0.500	0.516		mg/L		103	75 - 125	
Lead	<0.00050		0.100	0.103		mg/L		103	75 - 125	
Lithium	<0.010		0.100	0.106		mg/L		103	75 - 125	
Molybdenum	0.014		1.00	1.04		mg/L		103	75 - 125	
Selenium	<0.0025		0.100	0.106		mg/L		106	75 - 125	
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125	

Lab Sample ID: 500-268590-12 MS
Matrix: Water
Analysis Batch: 819629

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Boron	1.9		1.00	2.94		mg/L		106	75 - 125	

Lab Sample ID: 500-268590-12 MSD
Matrix: Water
Analysis Batch: 819435

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits		RPD	Limit
Antimony	<0.0030		0.500	0.559		mg/L		112	75 - 125		2	20
Arsenic	0.014		0.100	0.117		mg/L		102	75 - 125		0	20
Barium	0.19		0.500	0.706		mg/L		103	75 - 125		0	20
Beryllium	<0.0010		0.0500	0.0519		mg/L		104	75 - 125		4	20
Cadmium	<0.00050		0.0500	0.0514		mg/L		103	75 - 125		0	20
Calcium	130		10.0	141	4	mg/L		162	75 - 125		0	20
Chromium	<0.0050		0.200	0.199		mg/L		100	75 - 125		1	20
Cobalt	0.0017		0.500	0.514		mg/L		103	75 - 125		0	20
Lead	<0.00050		0.100	0.103		mg/L		103	75 - 125		0	20
Lithium	<0.010		0.100	0.107		mg/L		104	75 - 125		1	20
Molybdenum	0.014		1.00	1.05		mg/L		104	75 - 125		1	20
Selenium	<0.0025		0.100	0.104		mg/L		104	75 - 125		2	20
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125		0	20

Lab Sample ID: 500-268590-12 MSD
Matrix: Water
Analysis Batch: 819629

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits		RPD	Limit
Boron	1.9		1.00	2.98		mg/L		111	75 - 125		2	20

Lab Sample ID: 500-268590-12 DU
Matrix: Water
Analysis Batch: 819435

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	Limit	
			Result	Qualifier				RPD	Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20	
Arsenic	0.014		0.0143		mg/L		0.1	20	
Barium	0.19		0.194		mg/L		1	20	
Beryllium	<0.0010		<0.0010		mg/L		NC	20	
Cadmium	<0.00050		<0.00050		mg/L		NC	20	

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-12 DU
Matrix: Water
Analysis Batch: 819435

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	130		129		mg/L		3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0017		0.00161		mg/L		4	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	0.014		0.0133		mg/L		3	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-268590-12 DU
Matrix: Water
Analysis Batch: 819629

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 819156

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	1.9		1.88		mg/L		0.5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-819295/12-A
Matrix: Water
Analysis Batch: 819497

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/28/25 11:15	05/29/25 09:22	1

Lab Sample ID: LCS 500-819295/13-A
Matrix: Water
Analysis Batch: 819497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00185		mg/L		93	80 - 120

Lab Sample ID: 500-268590-10 MS
Matrix: Water
Analysis Batch: 819497

Client Sample ID: Duplicate 2
Prep Type: Total/NA
Prep Batch: 819295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000933		mg/L		93	75 - 125

Lab Sample ID: 500-268590-10 MSD
Matrix: Water
Analysis Batch: 819497

Client Sample ID: Duplicate 2
Prep Type: Total/NA
Prep Batch: 819295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000935		mg/L		94	75 - 125	0	20

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-10 DU
Matrix: Water
Analysis Batch: 819497

Client Sample ID: Duplicate 2
Prep Type: Total/NA
Prep Batch: 819295

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

Lab Sample ID: MB 500-819518/12-A
Matrix: Water
Analysis Batch: 819696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/29/25 13:35	05/30/25 09:20	1

Lab Sample ID: LCS 500-819518/13-A
Matrix: Water
Analysis Batch: 819696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819518

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

Lab Sample ID: 500-268590-22 MS
Matrix: Water
Analysis Batch: 819696

Client Sample ID: MW-19
Prep Type: Total/NA
Prep Batch: 819518

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000941		mg/L		94	75 - 125

Lab Sample ID: 500-268590-22 MSD
Matrix: Water
Analysis Batch: 819696

Client Sample ID: MW-19
Prep Type: Total/NA
Prep Batch: 819518

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000940		mg/L		94	75 - 125	0	20

Lab Sample ID: 500-268590-22 DU
Matrix: Water
Analysis Batch: 819696

Client Sample ID: MW-19
Prep Type: Total/NA
Prep Batch: 819518

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

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

Lab Sample ID: MB 500-818808/1
Matrix: Water
Analysis Batch: 818808

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			05/23/25 07:17	1

QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: LCS 500-818808/2
Matrix: Water
Analysis Batch: 818808

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

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

Lab Sample ID: 500-268590-4 DU
Matrix: Water
Analysis Batch: 818808

Client Sample ID: MW-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	470		460		mg/L		3	5

Lab Sample ID: MB 500-818989/1
Matrix: Water
Analysis Batch: 818989

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			05/27/25 00:48	1

Lab Sample ID: LCS 500-818989/2
Matrix: Water
Analysis Batch: 818989

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	230		mg/L		92	80 - 120

Lab Sample ID: MB 500-818991/1
Matrix: Water
Analysis Batch: 818991

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			05/27/25 02:33	1

Lab Sample ID: LCS 500-818991/2
Matrix: Water
Analysis Batch: 818991

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: MB 500-819186/1
Matrix: Water
Analysis Batch: 819186

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			05/27/25 23:19	1

Lab Sample ID: LCS 500-819186/2
Matrix: Water
Analysis Batch: 819186

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: Powerton CCR

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-17 MS
Matrix: Water
Analysis Batch: 819186

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	470		250	774		mg/L		121	75 - 125

Lab Sample ID: 500-268590-17 DU
Matrix: Water
Analysis Batch: 819186

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	470		488		mg/L		3	5

Lab Sample ID: 500-268590-18 DU
Matrix: Water
Analysis Batch: 819186

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	680		692		mg/L		2	5

Lab Sample ID: MB 500-819385/1
Matrix: Water
Analysis Batch: 819385

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			05/29/25 00:11	1

Lab Sample ID: LCS 500-819385/2
Matrix: Water
Analysis Batch: 819385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	260		mg/L		104	80 - 120

Lab Sample ID: 500-268590-22 MS
Matrix: Water
Analysis Batch: 819385

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	490		250	804		mg/L		124	75 - 125

Lab Sample ID: 500-268590-22 DU
Matrix: Water
Analysis Batch: 819385

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	490		468		mg/L		5	5

Lab Sample ID: 500-268590-23 DU
Matrix: Water
Analysis Batch: 819385

Client Sample ID: MW-21D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	760		738		mg/L		3	5

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QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-819321/67
Matrix: Water
Analysis Batch: 819321

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/28/25 11:43	1

Lab Sample ID: LCS 500-819321/68
Matrix: Water
Analysis Batch: 819321

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.4		mg/L		102	85 - 115

Lab Sample ID: 500-268590-15 MS
Matrix: Water
Analysis Batch: 819321

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	290		20.0	306	4	mg/L		64	75 - 125

Lab Sample ID: 500-268590-15 MSD
Matrix: Water
Analysis Batch: 819321

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	290		20.0	309	4	mg/L		77	75 - 125	1	20

Lab Sample ID: MB 500-819787/16
Matrix: Water
Analysis Batch: 819787

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/01/25 12:07	1

Lab Sample ID: LCS 500-819787/17
Matrix: Water
Analysis Batch: 819787

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

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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-818591/31
Matrix: Water
Analysis Batch: 818591

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			05/21/25 11:47	1

QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-818591/32
Matrix: Water
Analysis Batch: 818591

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 500-819484/3
Matrix: Water
Analysis Batch: 819484

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			05/29/25 07:01	1

Lab Sample ID: MB 500-819484/31
Matrix: Water
Analysis Batch: 819484

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			05/29/25 08:41	1

Lab Sample ID: LCS 500-819484/32
Matrix: Water
Analysis Batch: 819484

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	9.88		mg/L		99	90 - 119

Lab Sample ID: LCS 500-819484/4
Matrix: Water
Analysis Batch: 819484

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	9.54		mg/L		95	90 - 119

Lab Sample ID: MB 500-819713/3
Matrix: Water
Analysis Batch: 819713

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			05/30/25 11:29	1

Lab Sample ID: LCS 500-819713/4
Matrix: Water
Analysis Batch: 819713

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

QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-820136/16
Matrix: Water
Analysis Batch: 820136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/03/25 11:31	1

Lab Sample ID: MB 500-820136/67
Matrix: Water
Analysis Batch: 820136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/03/25 12:35	1

Lab Sample ID: LCS 500-820136/17
Matrix: Water
Analysis Batch: 820136

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.7		mg/L		104	88 - 123

Lab Sample ID: LCS 500-820136/68
Matrix: Water
Analysis Batch: 820136

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

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

Lab Sample ID: 500-268590-20 MS
Matrix: Water
Analysis Batch: 820136

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	110		20.0	128	4	mg/L		75	75 - 125

Lab Sample ID: 500-268590-20 MSD
Matrix: Water
Analysis Batch: 820136

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	110		20.0	129	4	mg/L		82	75 - 125	1	20

Chain of Custody Record

Client Information		Sampler: <u>Jack Misner</u>	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-136156-49657.2						
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>	E-Mail: <u>Diana.Mockler@et.eurofinsus.com</u>	State of Origin: <u>IL</u>	Page: <u>1 of 1</u>						
Company: <u>KPRG and Associates, Inc.</u>		PWSID:	Analysis Requested		Job #: <u>12313.1</u>						
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested:			Field Filtered Sample (Yes or No)	Total Number of Containers	Preservation Codes: D - HNO3 N - None <u>500-268590</u>				
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>	Perform MS/MSD (Yes or No)	Other:							
State, Zip: <u>WI, 53005</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						903.0, 904.0	6020A, 7470A		
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502190231</u>								2540C, 4500_F_C, S14500_C1_E	S14500_SO4_E - Sulfate
Email: <u>kaelyns@kprginc.com</u>		WO #:									
Project Name: <u>Powerton GCR Event Desc: Quarterly Powerton GCR Sampling</u>		Project #: <u>50011612</u>									
Site: <u>Powerton Station</u>		SSOW#:									
500-268590 COC											

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, Q=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)				Total Number of Containers	Special Instructions/Note:
					D	D	N	N		
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-12R</u>	<u>5/21/2025</u>	<u>0927</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-14</u>	<u>5/21/2025</u>	<u>1158</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-15</u>	<u>5/21/2025</u>	<u>1100</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-16</u>	<u>5/21/2025</u>	<u>1310</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-17</u> <u>MW-01</u>	<u>5/21/2025</u>	<u>0822</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-18</u> <u>MW-10</u>	<u>5/20/2025</u>	<u>1402</u>	<u>G</u>	<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-16A</u>				<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-16</u>				<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-21D</u>				<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>MW-22</u>				<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>Duplicate 1</u>				<u>Water</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>Jack Misner</u>	Date/Time: <u>5/21/2025 1615</u>	Company: <u>KPRG</u>	Received by: <u>FedEx</u>
Relinquished by:	Date/Time:	Company:	Received by: <u>Shirley Smith</u>
Relinquished by:	Date/Time:	Company:	Received by: <u>ETI</u>
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <u>0.5 → 1.1, 1.8 → 2.4</u>	



KELLYN SPERLE
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14665 WEST LINDEN ROAD
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BROOKFIELD, WI 53005
UNITED STATES US

ALWD - 25 1
CAD - 0780307



500-268590 Waybi

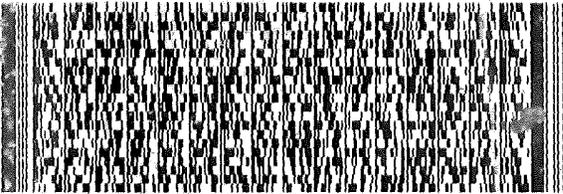
SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

REF:

DEPT:

3MA



RETURNS MON

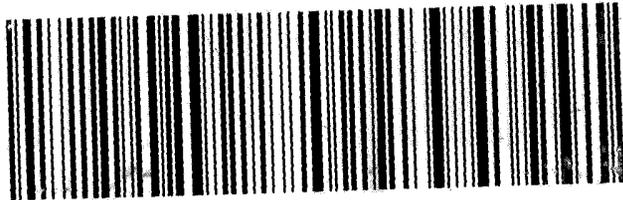
Ex
4561 8681 7845

TUE - 20 MAY 10
PRIORITY OVERNIGHT

JP JOTA

4891

6048
IL-US ORB



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- 12
- 13

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BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part 159469-434 MTV EXP 09/25 **
UCF/003/2385

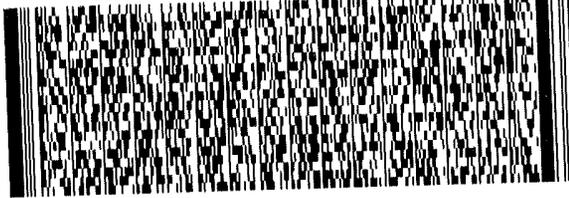
TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200
INU:
PO:

REF:

DEPT:

RMA: ||| ||||



FedEx
Express



an 1090/09203921

FedEx

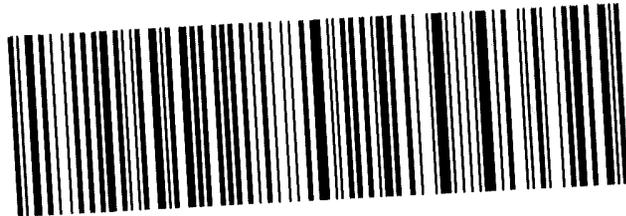
TRK# 4561 8681 7271
0221

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25



KHELYN SPERLE
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part # 1-9469-434 MTV N EXP 09/25 **
UCF/003/2385

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

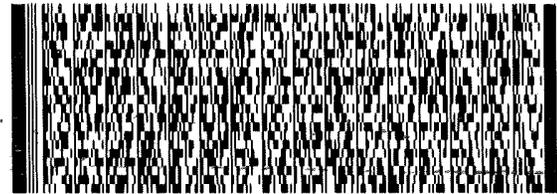
(708) 634-6200

REF:

INU:
PO:

DEPT:

RMA: ||| ||||



FedEx
Express



an 1090/09203921

FedEx

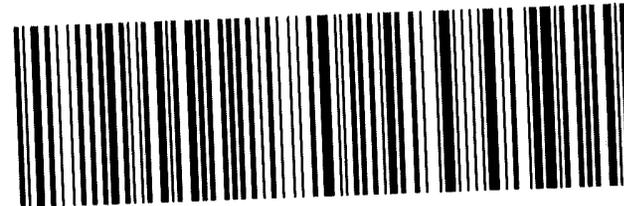
TRK# 4561 8681 7260
0221

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25



58614/EA36/59F2



500-268590 Waybi

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Client Information (Sub Contract Lab)		Sampler: N/A	Lab PII: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200688-1	
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-268590-2	Preservation Codes:	
Address: 13715 Rider Trail North, Earth City, MO, 63045		Due Date Requested: 6/23/2025		Analysis Requested		
City: Earth City		TAT Requested (days): N/A		Total Number of Containers		
State, Zip: MO, 63045		PO #: N/A		Perform MS/MSD (Yes or No)		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		Field Filtered Sample (Yes or No)		
Email: N/A		Project #: 50011612		903.0/PreSep_21 Standard Target List		
Powerdown CCR (RAD)		SSOW#: N/A		904.0/PreSep_0 Standard Target List		
Site: N/A				Ra226Ra228 GFC		
				Special Instructions/Note:		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Over-sat, Oil)	Preservation Code (I=I, T=TB, M, A=AL)	Special Instructions/Note:
MW-06 (500-268590-1)	5/19/25	13:00 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-07 (500-268590-2)	5/19/25	11:56 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-08 (500-268590-3)	5/19/25	11:09 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-09 (500-268590-4)	5/19/25	14:47 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
<p>Possible Hazard Identification</p> <p>Unconfirmed <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2</p> <p>Special Instructions/QC Requirements:</p>						
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p>Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>						
<p>Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____</p>						
Relinquished by: <i>Stephanie Hernandez</i>		Date/Time: 5/20/25 1730		Company: EEA		Received by: <i>Sara Worthington</i>
Relinquished by:		Date/Time:		Company:		Date/Time: 5/21/25 0810
Relinquished by:		Date/Time:		Company:		Date/Time:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Company:



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-1

Login Number: 268590

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	3.7,5.7,4.1,1.1,2.4,0.9,1.8
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.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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



Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-06
Date Collected: 05/19/25 13:00
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:32
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:33
Total/NA	Analysis	SM 2540C		1	818808	NM	EET CHI	05/23/25 07:41
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:01
Total/NA	Analysis	SM 4500 F C		1	818591	AC	EET CHI	05/21/25 12:34
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:46

Client Sample ID: MW-07
Date Collected: 05/19/25 11:56
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:35
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:35
Total/NA	Analysis	SM 2540C		1	818808	NM	EET CHI	05/23/25 07:44
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:01
Total/NA	Analysis	SM 4500 F C		1	818591	AC	EET CHI	05/21/25 12:36
Total/NA	Analysis	SM 4500 SO4 E		2	820136	TR	EET CHI	06/03/25 11:46

Client Sample ID: MW-08
Date Collected: 05/19/25 11:09
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:38
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:38
Total/NA	Analysis	SM 2540C		1	818808	NM	EET CHI	05/23/25 07:47
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:01
Total/NA	Analysis	SM 4500 F C		1	818591	AC	EET CHI	05/21/25 12:39
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:47

Client Sample ID: MW-09
Date Collected: 05/19/25 14:47
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:40

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-09
Date Collected: 05/19/25 14:47
Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:40
Total/NA	Analysis	SM 2540C		1	818808	NM	EET CHI	05/23/25 07:50
Total/NA	Analysis	SM 4500 CI- E		1	819321	TR	EET CHI	05/28/25 11:44
Total/NA	Analysis	SM 4500 F C		1	818591	AC	EET CHI	05/21/25 12:43
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:47

Client Sample ID: MW-02
Date Collected: 05/20/25 08:20
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:43
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:42
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:21
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:02
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 07:41
Total/NA	Analysis	SM 4500 SO4 E		2	820136	TR	EET CHI	06/03/25 11:47

Client Sample ID: MW-03
Date Collected: 05/20/25 09:11
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:46
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:44
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:24
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:02
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 07:46
Total/NA	Analysis	SM 4500 SO4 E		1	820136	TR	EET CHI	06/03/25 11:32

Client Sample ID: MW-04
Date Collected: 05/20/25 10:05
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:54
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819501	RN	EET CHI	05/29/25 11:00

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-04
Date Collected: 05/20/25 10:05
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:46
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:26
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:02
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 07:50
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:48

Client Sample ID: MW-05
Date Collected: 05/20/25 11:05
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:57
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819501	RN	EET CHI	05/29/25 11:02
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:49
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:29
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:03
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 07:53
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:48

Client Sample ID: Duplicate 1
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 16:59
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819501	RN	EET CHI	05/29/25 11:05
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:51
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:31
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:03
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 07:57
Total/NA	Analysis	SM 4500 SO4 E		2	820136	TR	EET CHI	06/03/25 11:48

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 2

Date Collected: 05/20/25 00:00

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:02
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819501	RN	EET CHI	05/29/25 11:07
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 09:53
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:34
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:03
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 08:01
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:48

Client Sample ID: Duplicate 3

Date Collected: 05/20/25 00:00

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:05
Total Recoverable	Prep	3005A			819153	MS	EET CHI	05/27/25 15:31 - 05/27/25 21:31 ¹
Total Recoverable	Analysis	6020B		1	819501	RN	EET CHI	05/29/25 11:09
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:15
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:37
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:03
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 08:04
Total/NA	Analysis	SM 4500 SO4 E		2	820136	TR	EET CHI	06/03/25 11:49

Client Sample ID: MW-11

Date Collected: 05/20/25 12:27

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:13
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 11:56
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:18
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:39
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:04
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 08:08
Total/NA	Analysis	SM 4500 SO4 E		2	820136	TR	EET CHI	06/03/25 11:50

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-12R
Date Collected: 05/21/25 09:27
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:32
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:08
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:20
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:42
Total/NA	Analysis	SM 4500 CI- E		5	819321	TR	EET CHI	05/28/25 12:04
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:29
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:50

Client Sample ID: MW-14
Date Collected: 05/21/25 11:58
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:34
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		5	819629	RN	EET CHI	05/29/25 12:10
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:22
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:44
Total/NA	Analysis	SM 4500 CI- E		2	819321	TR	EET CHI	05/28/25 12:05
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:33
Total/NA	Analysis	SM 4500 SO4 E		100	820136	TR	EET CHI	06/03/25 12:02

Client Sample ID: MW-15
Date Collected: 05/21/25 11:00
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:37
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:18
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:24
Total/NA	Analysis	SM 2540C		1	818989	CLB	EET CHI	05/27/25 01:47
Total/NA	Analysis	SM 4500 CI- E		10	819321	TR	EET CHI	05/28/25 12:05
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:36
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:51

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-16
Date Collected: 05/21/25 13:10
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:40
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:20
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:26
Total/NA	Analysis	SM 2540C		1	818991	CLB	EET CHI	05/27/25 03:04
Total/NA	Analysis	SM 4500 CI- E		1	819787	TR	EET CHI	06/01/25 12:07
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	820136	TR	EET CHI	06/03/25 11:34

Client Sample ID: MW-01
Date Collected: 05/21/25 08:22
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:42
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:22
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:29
Total/NA	Analysis	SM 2540C		1	819186	CLB	EET CHI	05/27/25 23:24
Total/NA	Analysis	SM 4500 CI- E		2	819787	TR	EET CHI	06/01/25 12:26
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:52
Total/NA	Analysis	SM 4500 SO4 E		1	820136	TR	EET CHI	06/03/25 11:34

Client Sample ID: MW-10
Date Collected: 05/20/25 14:02
Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:45
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		5	819629	RN	EET CHI	05/29/25 12:25
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:35
Total/NA	Analysis	SM 2540C		1	819186	CLB	EET CHI	05/27/25 23:31
Total/NA	Analysis	SM 4500 CI- E		2	819787	TR	EET CHI	06/01/25 12:26
Total/NA	Analysis	SM 4500 F C		1	819484	AC	EET CHI	05/29/25 09:56
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:51

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-17

Date Collected: 05/22/25 12:25

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:56
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:27
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:38
Total/NA	Analysis	SM 2540C		1	819186	CLB	EET CHI	05/27/25 23:37
Total/NA	Analysis	SM 4500 CI- E		5	819787	TR	EET CHI	06/01/25 12:26
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 11:47
Total/NA	Analysis	SM 4500 SO4 E		10	820136	TR	EET CHI	06/03/25 11:52

Client Sample ID: MW-18

Date Collected: 05/22/25 08:49

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 17:58
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 12:30
Total/NA	Prep	7470A			819295	MJG	EET CHI	05/28/25 11:15 - 05/28/25 13:15 ¹
Total/NA	Analysis	7470A		1	819497	MJG	EET CHI	05/29/25 10:40
Total/NA	Analysis	SM 2540C		1	819186	CLB	EET CHI	05/27/25 23:39
Total/NA	Analysis	SM 4500 CI- E		5	819787	TR	EET CHI	06/01/25 12:27
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 11:49
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 11:52

Client Sample ID: MW-18A

Date Collected: 05/22/25 09:25

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 18:06
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		5	819629	RN	EET CHI	05/29/25 12:32
Total/NA	Prep	7470A			819518	MJG	EET CHI	05/29/25 13:35 - 05/29/25 15:35 ¹
Total/NA	Analysis	7470A		1	819696	MJG	EET CHI	05/30/25 10:31
Total/NA	Analysis	SM 2540C		1	819186	CLB	EET CHI	05/27/25 23:42
Total/NA	Analysis	SM 4500 CI- E		5	819787	TR	EET CHI	06/01/25 12:27
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 11:52
Total/NA	Analysis	SM 4500 SO4 E		1	820136	TR	EET CHI	06/03/25 12:35

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Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-19
Date Collected: 05/22/25 11:17
Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 18:09
Total/NA	Prep	7470A			819518	MJG	EET CHI	05/29/25 13:35 - 05/29/25 15:35 ¹
Total/NA	Analysis	7470A		1	819696	MJG	EET CHI	05/30/25 10:33
Total/NA	Analysis	SM 2540C		1	819385	CLB	EET CHI	05/29/25 00:16
Total/NA	Analysis	SM 4500 CI- E		1	819787	TR	EET CHI	06/01/25 12:08
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 11:55
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 12:49

Client Sample ID: MW-21D
Date Collected: 05/22/25 10:28
Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 18:12
Total/NA	Prep	7470A			819518	MJG	EET CHI	05/29/25 13:35 - 05/29/25 15:35 ¹
Total/NA	Analysis	7470A		1	819696	MJG	EET CHI	05/30/25 10:52
Total/NA	Analysis	SM 2540C		1	819385	CLB	EET CHI	05/29/25 00:23
Total/NA	Analysis	SM 4500 CI- E		5	819787	TR	EET CHI	06/01/25 12:27
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 11:59
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 12:50

Client Sample ID: MW-22
Date Collected: 05/22/25 11:52
Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			819156	MS	EET CHI	05/27/25 15:43 - 05/27/25 21:43 ¹
Total Recoverable	Analysis	6020B		1	819435	RN	EET CHI	05/28/25 18:14
Total/NA	Prep	7470A			819518	MJG	EET CHI	05/29/25 13:35 - 05/29/25 15:35 ¹
Total/NA	Analysis	7470A		1	819696	MJG	EET CHI	05/30/25 10:54
Total/NA	Analysis	SM 2540C		1	819385	CLB	EET CHI	05/29/25 00:29
Total/NA	Analysis	SM 4500 CI- E		1	819787	TR	EET CHI	06/01/25 12:09
Total/NA	Analysis	SM 4500 F C		1	819713	LP	EET CHI	05/30/25 12:11
Total/NA	Analysis	SM 4500 SO4 E		5	820136	TR	EET CHI	06/03/25 12:50

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

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 500-268590-1

Laboratory: Eurofins Chicago

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

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

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 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 6/25/2025 1:28:25 PM

JOB DESCRIPTION

Powerton CCR (RAD)

JOB NUMBER

500-268590-2

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
Diana Mockler, Project Manager I
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(219)252-7570



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR (RAD)

Job ID: 500-268590-2

Job ID: 500-268590-2

Eurofins Chicago

Job Narrative 500-268590-2

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

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

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

Receipt

The samples were received on 5/20/2025 9:20 AM, 5/21/2025 9:20 AM, 5/22/2025 9:15 AM and 5/23/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.9°C, 1.1°C, 1.8°C, 2.4°C, 3.7°C, 4.1°C and 5.7°C.

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 719562

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. MW-07 (500-268590-2)

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

Rad

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

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

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:

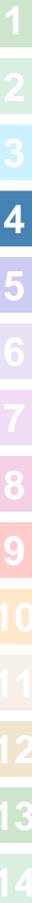
EPA = US Environmental Protection Agency

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: Powerton CCR (RAD)

Job ID: 500-268590-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268590-1	MW-06	Water	05/19/25 13:00	05/20/25 09:20
500-268590-2	MW-07	Water	05/19/25 11:56	05/20/25 09:20
500-268590-3	MW-08	Water	05/19/25 11:09	05/20/25 09:20
500-268590-4	MW-09	Water	05/19/25 14:47	05/20/25 09:20
500-268590-5	MW-02	Water	05/20/25 08:20	05/21/25 09:20
500-268590-6	MW-03	Water	05/20/25 09:11	05/21/25 09:20
500-268590-7	MW-04	Water	05/20/25 10:05	05/21/25 09:20
500-268590-8	MW-05	Water	05/20/25 11:05	05/21/25 09:20
500-268590-9	Duplicate 1	Water	05/20/25 00:00	05/21/25 09:20
500-268590-10	Duplicate 2	Water	05/20/25 00:00	05/21/25 09:20
500-268590-11	Duplicate 3	Water	05/20/25 00:00	05/21/25 09:20
500-268590-12	MW-11	Water	05/20/25 12:27	05/21/25 09:20
500-268590-13	MW-12R	Water	05/21/25 09:27	05/22/25 09:15
500-268590-14	MW-14	Water	05/21/25 11:58	05/22/25 09:15
500-268590-15	MW-15	Water	05/21/25 11:00	05/22/25 09:15
500-268590-16	MW-16	Water	05/21/25 13:10	05/22/25 09:15
500-268590-17	MW-01	Water	05/21/25 08:22	05/22/25 09:15
500-268590-18	MW-10	Water	05/20/25 14:02	05/22/25 09:15
500-268590-20	MW-18	Water	05/22/25 08:49	05/23/25 09:40
500-268590-21	MW-18A	Water	05/22/25 09:25	05/23/25 09:40
500-268590-22	MW-19	Water	05/22/25 11:17	05/23/25 09:40
500-268590-23	MW-21D	Water	05/22/25 10:28	05/23/25 09:40
500-268590-24	MW-22	Water	05/22/25 11:52	05/23/25 09:40

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-06

Lab Sample ID: 500-268590-1

Date Collected: 05/19/25 13:00

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.189	0.190	1.00	0.328	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:17	06/24/25 20:25	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	0.177	U	0.405	0.406	1.00	0.706	pCi/L	05/28/25 08:19	06/24/25 12:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:19	06/24/25 12:15	1
Y Carrier	75.5		30 - 110					05/28/25 08:19	06/24/25 12:15	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	0.296	U	0.447	0.448	5.00	0.706	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0550	U	0.367	0.367	1.00	0.702	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					05/28/25 08:17	06/24/25 20:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.472	U G	0.650	0.652	1.00	1.09	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	75.9		30 - 110					05/28/25 08:19	06/24/25 12:17	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	0.527	U	0.746	0.748	5.00	1.09	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.110	U	0.200	0.200	1.00	0.352	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/28/25 08:17	06/24/25 20:25	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	0.296	U	0.352	0.353	1.00	0.580	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	76.3		30 - 110					05/28/25 08:19	06/24/25 12:17	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	0.406	U	0.405	0.406	5.00	0.580	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0729	U	0.163	0.163	1.00	0.365	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					05/28/25 08:17	06/24/25 20:25	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	0.149	U	0.357	0.357	1.00	0.627	pCi/L	05/28/25 08:19	06/24/25 12:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					05/28/25 08:19	06/24/25 12:15	1
Y Carrier	75.9		30 - 110					05/28/25 08:19	06/24/25 12:15	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	0.0760	U	0.392	0.392	5.00	0.627	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0128	U	0.127	0.127	1.00	0.280	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/28/25 08:17	06/24/25 20:25	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	0.204	U	0.321	0.322	1.00	0.545	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	85.6		30 - 110					05/28/25 08:19	06/24/25 12:17	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	0.191	U	0.345	0.346	5.00	0.545	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0345	U	0.135	0.135	1.00	0.267	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/28/25 08:17	06/24/25 20:25	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	-0.0924	U	0.278	0.279	1.00	0.548	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	84.5		30 - 110					05/28/25 08:19	06/24/25 12:17	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	-0.0579	U	0.309	0.310	5.00	0.548	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0213	U	0.133	0.133	1.00	0.271	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:17	06/24/25 20:25	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	0.362	0.365	1.00	0.542	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	83.0		30 - 110					05/28/25 08:19	06/24/25 12:17	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	0.557		0.386	0.388	5.00	0.542	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0963	U	0.166	0.166	1.00	0.292	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					05/28/25 08:17	06/24/25 20:25	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	-0.0178	U	0.310	0.310	1.00	0.581	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	85.6		30 - 110					05/28/25 08:19	06/24/25 12:18	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	0.0785	U	0.352	0.352	5.00	0.581	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0841	U	0.150	0.151	1.00	0.268	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					05/28/25 08:17	06/24/25 20:26	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	-0.0319	U	0.395	0.395	1.00	0.736	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	86.4		30 - 110					05/28/25 08:19	06/24/25 13:29	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	0.0522	U	0.423	0.423	5.00	0.736	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.172	U	0.191	0.191	1.00	0.306	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.372	U	0.409	0.410	1.00	0.667	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	83.7		30 - 110					05/28/25 08:19	06/24/25 13:29	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	0.544	U	0.451	0.452	5.00	0.667	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.236	U	0.269	0.270	1.00	0.440	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.527	U	0.461	0.463	1.00	0.728	pCi/L	05/28/25 08:19	06/24/25 13:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:19	06/24/25 13:28	1
Y Carrier	89.3		30 - 110					05/28/25 08:19	06/24/25 13:28	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	0.763		0.534	0.536	5.00	0.728	pCi/L		06/25/25 12:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-11

Lab Sample ID: 500-268590-12

Date Collected: 05/20/25 12:27

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.156	U	0.264	0.265	1.00	0.457	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.862		0.498	0.504	1.00	0.726	pCi/L	05/28/25 08:19	06/24/25 13:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					05/28/25 08:19	06/24/25 13:30	1
Y Carrier	90.8		30 - 110					05/28/25 08:19	06/24/25 13:30	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	1.02		0.564	0.569	5.00	0.726	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0232	U	0.182	0.182	1.00	0.354	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:17	06/24/25 20:26	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	-0.628	U	0.310	0.315	1.00	0.736	pCi/L	05/28/25 08:19	06/24/25 13:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:19	06/24/25 13:12	1
Y Carrier	93.5		30 - 110					05/28/25 08:19	06/24/25 13:12	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.605	U	0.359	0.364	5.00	0.736	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-14

Lab Sample ID: 500-268590-14

Date Collected: 05/21/25 11:58

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0812	U	0.174	0.174	1.00	0.313	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.216	U	0.350	0.350	1.00	0.596	pCi/L	05/28/25 08:19	06/24/25 13:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:19	06/24/25 13:12	1
Y Carrier	91.2		30 - 110					05/28/25 08:19	06/24/25 13:12	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.297	U	0.391	0.391	5.00	0.596	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-15

Lab Sample ID: 500-268590-15

Date Collected: 05/21/25 11:00

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.135	U	0.176	0.176	1.00	0.293	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.520	U	0.472	0.474	1.00	0.751	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	89.3		30 - 110					05/28/25 08:19	06/24/25 13:29	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	0.655	U	0.504	0.506	5.00	0.751	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-16

Lab Sample ID: 500-268590-16

Date Collected: 05/21/25 13:10

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0153	U	0.188	0.188	1.00	0.369	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.00601	U	0.472	0.472	1.00	0.865	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	82.6		30 - 110					05/28/25 08:19	06/24/25 13:29	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	0.0213	U	0.508	0.508	5.00	0.865	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.241	U	0.205	0.206	1.00	0.308	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.3		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.528	U	0.455	0.457	1.00	0.720	pCi/L	05/28/25 08:19	06/24/25 13:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.3		30 - 110					05/28/25 08:19	06/24/25 13:30	1
Y Carrier	88.6		30 - 110					05/28/25 08:19	06/24/25 13:30	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	0.770		0.499	0.501	5.00	0.720	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.272	U	0.282	0.283	1.00	0.451	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	107		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.303	U	0.345	0.346	1.00	0.565	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	107		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	87.9		30 - 110					05/28/25 08:19	06/24/25 12:18	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	0.575		0.446	0.447	5.00	0.565	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.286	U	0.234	0.236	1.00	0.345	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.125	U	0.310	0.311	1.00	0.549	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	91.2		30 - 110					05/28/25 08:19	06/24/25 12:18	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	0.411	U	0.388	0.390	5.00	0.549	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.724		0.377	0.383	1.00	0.460	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/28/25 08:17	06/24/25 20:26	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	0.575	U	0.611	0.613	1.00	0.993	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	75.9		30 - 110					05/28/25 08:19	06/24/25 12:18	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	1.30		0.718	0.723	5.00	0.993	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0879	U	0.176	0.176	1.00	0.310	pCi/L	05/30/25 07:54	06/23/25 07:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					05/30/25 07:54	06/23/25 07:21	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	0.537	U	0.363	0.366	1.00	0.544	pCi/L	05/30/25 07:58	06/22/25 10:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					05/30/25 07:58	06/22/25 10:53	1
Y Carrier	78.9		30 - 110					05/30/25 07:58	06/22/25 10:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.625		0.403	0.406	5.00	0.544	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.103	U	0.165	0.165	1.00	0.285	pCi/L	05/30/25 07:54	06/23/25 07:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					05/30/25 07:54	06/23/25 07:21	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	-0.0220	U	0.383	0.383	1.00	0.717	pCi/L	05/30/25 07:58	06/22/25 10:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					05/30/25 07:58	06/22/25 10:54	1
Y Carrier	72.5		30 - 110					05/30/25 07:58	06/22/25 10:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0813	U	0.417	0.417	5.00	0.717	pCi/L		06/25/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-22

Lab Sample ID: 500-268590-24

Date Collected: 05/22/25 11:52

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.179	U	0.155	0.156	1.00	0.229	pCi/L	05/30/25 07:54	06/23/25 07:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					05/30/25 07:54	06/23/25 07:22	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	0.411	U	0.348	0.351	1.00	0.543	pCi/L	05/30/25 07:58	06/22/25 10:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					05/30/25 07:58	06/22/25 10:54	1
Y Carrier	80.0		30 - 110					05/30/25 07:58	06/22/25 10:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.589		0.381	0.384	5.00	0.543	pCi/L		06/25/25 13:05	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

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: Powerton CCR (RAD)

Job ID: 500-268590-2

Rad

Prep Batch: 719558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	PrecSep-21	
500-268590-2	MW-07	Total/NA	Water	PrecSep-21	
500-268590-3	MW-08	Total/NA	Water	PrecSep-21	
500-268590-4	MW-09	Total/NA	Water	PrecSep-21	
500-268590-5	MW-02	Total/NA	Water	PrecSep-21	
500-268590-6	MW-03	Total/NA	Water	PrecSep-21	
500-268590-7	MW-04	Total/NA	Water	PrecSep-21	
500-268590-8	MW-05	Total/NA	Water	PrecSep-21	
500-268590-9	Duplicate 1	Total/NA	Water	PrecSep-21	
500-268590-10	Duplicate 2	Total/NA	Water	PrecSep-21	
500-268590-11	Duplicate 3	Total/NA	Water	PrecSep-21	
500-268590-12	MW-11	Total/NA	Water	PrecSep-21	
500-268590-13	MW-12R	Total/NA	Water	PrecSep-21	
500-268590-14	MW-14	Total/NA	Water	PrecSep-21	
500-268590-15	MW-15	Total/NA	Water	PrecSep-21	
500-268590-16	MW-16	Total/NA	Water	PrecSep-21	
500-268590-17	MW-01	Total/NA	Water	PrecSep-21	
500-268590-18	MW-10	Total/NA	Water	PrecSep-21	
500-268590-20	MW-18	Total/NA	Water	PrecSep-21	
500-268590-21	MW-18A	Total/NA	Water	PrecSep-21	
MB 160-719558/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-719558/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-268590-4 DU	MW-09	Total/NA	Water	PrecSep-21	

Prep Batch: 719562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-1	MW-06	Total/NA	Water	PrecSep_0	
500-268590-2	MW-07	Total/NA	Water	PrecSep_0	
500-268590-3	MW-08	Total/NA	Water	PrecSep_0	
500-268590-4	MW-09	Total/NA	Water	PrecSep_0	
500-268590-5	MW-02	Total/NA	Water	PrecSep_0	
500-268590-6	MW-03	Total/NA	Water	PrecSep_0	
500-268590-7	MW-04	Total/NA	Water	PrecSep_0	
500-268590-8	MW-05	Total/NA	Water	PrecSep_0	
500-268590-9	Duplicate 1	Total/NA	Water	PrecSep_0	
500-268590-10	Duplicate 2	Total/NA	Water	PrecSep_0	
500-268590-11	Duplicate 3	Total/NA	Water	PrecSep_0	
500-268590-12	MW-11	Total/NA	Water	PrecSep_0	
500-268590-13	MW-12R	Total/NA	Water	PrecSep_0	
500-268590-14	MW-14	Total/NA	Water	PrecSep_0	
500-268590-15	MW-15	Total/NA	Water	PrecSep_0	
500-268590-16	MW-16	Total/NA	Water	PrecSep_0	
500-268590-17	MW-01	Total/NA	Water	PrecSep_0	
500-268590-18	MW-10	Total/NA	Water	PrecSep_0	
500-268590-20	MW-18	Total/NA	Water	PrecSep_0	
500-268590-21	MW-18A	Total/NA	Water	PrecSep_0	
MB 160-719562/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-719562/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-268590-4 DU	MW-09	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Rad

Prep Batch: 720084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-22	MW-19	Total/NA	Water	PrecSep-21	
500-268590-23	MW-21D	Total/NA	Water	PrecSep-21	
500-268590-24	MW-22	Total/NA	Water	PrecSep-21	
MB 160-720084/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-720084/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 720089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268590-22	MW-19	Total/NA	Water	PrecSep_0	
500-268590-23	MW-21D	Total/NA	Water	PrecSep_0	
500-268590-24	MW-22	Total/NA	Water	PrecSep_0	
MB 160-720089/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-720089/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	



QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-719558/1-A
Matrix: Water
Analysis Batch: 724136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719558

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.01084	U	0.151	0.151	1.00	0.319	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	88.8		30 - 110		05/28/25 08:17	06/24/25 20:25	1			

Lab Sample ID: LCS 160-719558/2-A
Matrix: Water
Analysis Batch: 724136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719558

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	8.686		1.20	1.00	0.308	pCi/L	91	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	83.1		30 - 110						

Lab Sample ID: 500-268590-4 DU
Matrix: Water
Analysis Batch: 724136

Client Sample ID: MW-09
Prep Type: Total/NA
Prep Batch: 719558

Analyte	Sample		DU		Total	RL	MDC	Unit	RER	RER Limit
	Result	Sample Qual	Result	DU Qual	Uncert. (2σ+/-)					
Radium-226	-0.0729	U	0.1411	U	0.182	1.00	0.302	pCi/L	0.62	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	88.1		30 - 110							

Lab Sample ID: MB 160-720084/1-A
Matrix: Water
Analysis Batch: 723862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720084

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.008783	U	0.122	0.122	1.00	0.258	pCi/L	05/30/25 07:54	06/23/25 07:21	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	91.3		30 - 110		05/30/25 07:54	06/23/25 07:21	1			

Lab Sample ID: LCS 160-720084/2-A
Matrix: Water
Analysis Batch: 723862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720084

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	9.086		1.16	1.00	0.242	pCi/L	95	75 - 125

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

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

Lab Sample ID: LCS 160-720084/2-A
Matrix: Water
Analysis Batch: 723862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720084

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.8		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-719562/1-A
Matrix: Water
Analysis Batch: 724118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719562

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	-0.08257	U	0.263	0.263	1.00	0.528	pCi/L	05/28/25 08:19	06/24/25 12:15	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110	05/28/25 08:19	06/24/25 12:15	1
Y Carrier	80.7		30 - 110	05/28/25 08:19	06/24/25 12:15	1

Lab Sample ID: LCS 160-719562/2-A
Matrix: Water
Analysis Batch: 724118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719562

Analyte	Spike Added	LCS LCS		Total	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual	Uncert. (2σ+/-)					
Radium-228	9.32	9.709		1.39	1.00	0.653	pCi/L	104	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	83.1		30 - 110
Y Carrier	77.8		30 - 110

Lab Sample ID: 500-268590-4 DU
Matrix: Water
Analysis Batch: 724118

Client Sample ID: MW-09
Prep Type: Total/NA
Prep Batch: 719562

Analyte	Sample Sample		DU DU	Total	RL	MDC	Unit	RER	RER Limit	
	Result	Qual	Result	Qual						Uncert. (2σ+/-)
Radium-228	0.149	U	0.5329	U	0.376	1.00	0.562	pCi/L	0.52	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	88.1		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: MB 160-720089/1-A
Matrix: Water
Analysis Batch: 723691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720089

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	0.3916	U	0.329	0.331	1.00	0.511	pCi/L	05/30/25 07:58	06/22/25 10:49	1

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
 Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

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

Lab Sample ID: MB 160-720089/1-A
Matrix: Water
Analysis Batch: 723691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720089

Carrier	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	91.3		30 - 110	05/30/25 07:58	06/22/25 10:49	1
Y Carrier	78.5		30 - 110	05/30/25 07:58	06/22/25 10:49	1

Lab Sample ID: LCS 160-720089/2-A
Matrix: Water
Analysis Batch: 723691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720089

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

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	88.8		30 - 110
Y Carrier	75.9		30 - 110

Eurofins Chicago

18410 Crossing Drive Suite E
 Tinley Park, IL 60487
 Phone: 708-634-5200 Fax: 708-634-5211

Chain of Custody Record



Client Information		Sampler: Jack Misner		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136156-49657.1							
Client Contact: Kaelyn Sperle		Phone: 262-622-1143		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: IL		Page: 1 of 1							
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: 500-2108590					
Address: 14666 West Lisbon Road, Suite 1A		Due Date Requested:		 <p>500-268590 COC</p>						Preservation Codes: D - HNO3 N - None					
City: Brookfield		TAT Requested (days): Standard								Field Filtered Sample (Yes or No)		Total Number of Containers		Other:	
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								Perform MS/MSD (Yes or No)					
Phone: 262-781-0475 (Tel)		PO #: 4502190231								903.0, 904.0					
Email: kaelyns@kprginc.com		WO #:		6020A, 7470A											
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 60011612		2540C, 4500_F_C, SM4500_Cl_E											
Site: Powerton Station		SSOW#:		SM4500_SO4_E - Sulfate											
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)		Special Instructions/Note:					
MW-01															
MW-02															
MW-03															
MW-04															
MW-05															
1 MW-06		5/19/2025		1300		G		Water		N N X X X X					
2 MW-07				1150				Water		↓ ↓ ↓ ↓ ↓ ↓					
3 MW-08				1109				Water		↓ ↓ ↓ ↓ ↓ ↓					
4 MW-09		5/19/2025		1447		G		Water		N N X X X X					
MW-10								Water							
MW-11								Water							
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: Jack Misner		Date/Time: 5/19/2025 1620		Company: KPRG		Received by: FedEx		Date/Time: 5/19/2025 1620		Company: FedEx					
Relinquished by:		Date/Time:		Company:		Received by: Stephanie Hernandez		Date/Time: 5/20/25 0920		Company: EEH					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.4 + 3.7											



Chain of Custody Record

Client Information		Sampler: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-136156-49657.2						
Client Contact: Kaelyn Sperle		Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: 1 of 1						
Company: KPRG and Associates, Inc.		PWSID:	Analysis Requested		Job #: 12313.1						
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:			Field Filtered Sample (Yes or No)	Total Number of Containers	Preservation Codes: D - HNO3 N - None 500-268590				
City: Brookfield		TAT Requested (days): Standard	Perform MS/MSD (Yes or No)	Other:							
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						903.0, 904.0	6020A, 7470A		
Phone: 262-781-0475(Tel)		PO #: 4502190231								2540C, 4500_F_C, S14500_C1_E	S14500_SO4_E - Sulfate
Email: kaelyns@kprginc.com		WO #:									
Project Name: Powerton GCR Event Desc: Quarterly Powerton GCR Sampling		Project #: 50011612									
Site: Powerton Station		SSOW#:									

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, G=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)				Total Number of Containers	Special Instructions/Note:
					D	D	N	N		
MW-12R	5/21/2025	0927	G	Water	N	N	X	X	X	X
MW-14	5/21/2025	1158	G	Water	N	N	X	X	X	X
MW-15	5/21/2025	1100	G	Water	N	N	X	X	X	X
MW-16	5/21/2025	1310	G	Water	N	N	X	X	X	X
MW-17 MW-01	5/21/2025 0822	0822 0822	G G	Water Water	N N	N N	X X	X X	X X	X X
MW-18 MW-10	5/20/2025 1402	1402 1402	G G	Water Water	N N	N N	X X	X X	X X	X X
MW-18A				Water						
MW-19				Water						
MW-21D				Water						
MW-22				Water						
Duplicate 1				Water						

Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Jack Misner	Date/Time: 5/21/2025 1615	Company: KPRG	Received by: FedEx
Relinquished by:	Date/Time:	Company:	Received by: Shirley Smith
Relinquished by:	Date/Time:	Company:	Received by: ETI
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.5 → 1.1, 1.8 → 2.4	



KELLYN SPERLE
KPR, AND ASSOCIATES, INC
14665 WEST LINDEN ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ALWD - 25 1
CAD - 0780307



500-268590 Waybi

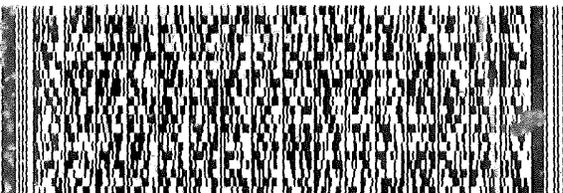
SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

REF:

DEPT:

3MA



RETURNS MON

Ex

4561 8681 7845

TUE - 20 MAY 10
PRIORITY OVERNIGHT

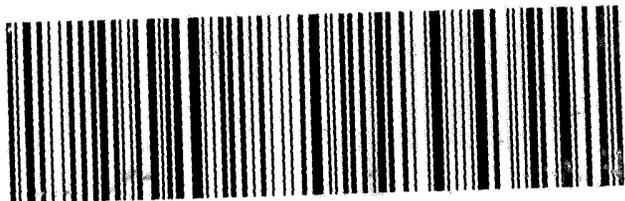
JP JOTA

4891

6048

IL-US

ORIG



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KHELYN SPERLE
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part 159469-434 MTV EXP 09/25

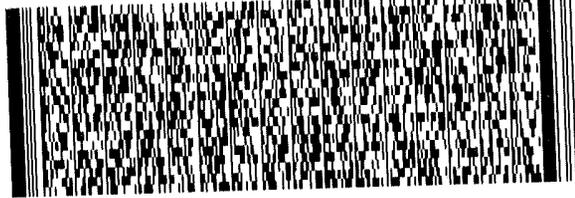
TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200
INU:
PO:

REF:

DEPT:

RMA: ||| |||



FedEx
Express



an 1090/09203921

FedEx

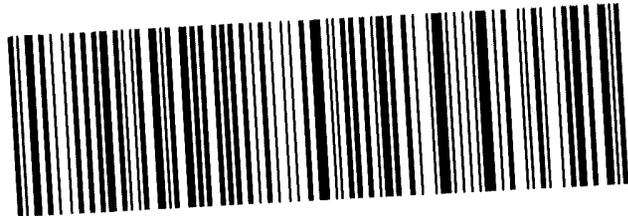
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0221

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25



KHELYN SPERLE
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part # 1-9469-434 MTV N EXP 09/25

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

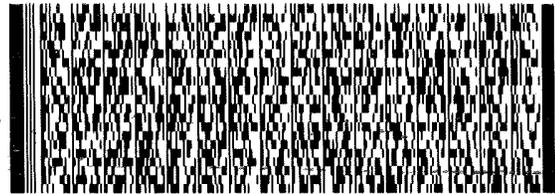
(708) 634-6200

REF:

INU:
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RMA: ||| |||



FedEx
Express



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FedEx

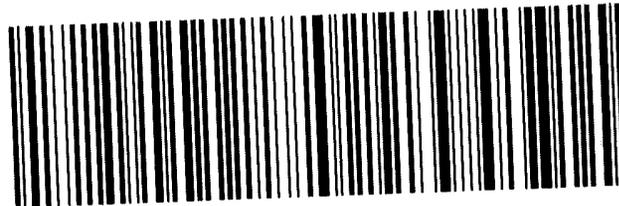
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0221

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25



58614/EA36/59F2



500-268590 Waybi

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Client Information (Sub Contract Lab)		Sampler: N/A	Lab Pkt: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200688-1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-268590-2	Preservation Codes:
Address: 13715 Rider Trail North, Earth City, MO, 63045		Due Date Requested: 6/23/2025		Analysis Requested	
City: Earth City		TAT Requested (days): N/A		Total Number of Containers	
State, Zip: MO, 63045		PO #: N/A		Field Filtered Sample (Yes or No)	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		Perform MS/MSD (Yes or No)	
Email: N/A		Project #: 50011612		903.0/PreSep_21 Standard Target List	
Powerdown CCR (RAD)		SSOW#: N/A		904.0/PreSep_0 Standard Target List	
Site: N/A		Sample Date		Ra226Ra228 GFPC	
Sample Identification - Client ID (Lab ID)		Sample Time		Matrix (Water, Solid, Over-soil)	
MW-06 (500-268590-1)	5/19/25	13:00 Central	G	Water	X X X X X X X X
MW-07 (500-268590-2)	5/19/25	11:56 Central	G	Water	X X X X X X X X
MW-08 (500-268590-3)	5/19/25	11:09 Central	G	Water	X X X X X X X X
MW-09 (500-268590-4)	5/19/25	14:47 Central	G	Water	X X X X X X X X
Special Instructions/Note:					
Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs					
Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs					
Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs					
Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs					

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

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Special Instructions/QC Requirements:

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

Relinquished by: *Stephanie Hernandez* Date/Time: 5/20/25 1730 Company: EEA
 Relinquished by: *Suzanne Worthington* Date/Time: 5/21/25 0810 Company: EEA
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No.: _____
 Δ Yes Δ No
 Cooler Temperature(s) °C and Other Remarks:



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking Note(s): N/A	COC No: 500-200742.1	
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-268590-2	Preservation Codes:	
Address: 13715 Rider Trail North, Earth City, MO, 63045		Due Date Requested: 6/24/2025		Analysis Requested		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		TAT Requested (days): N/A		Total Number of Containers		
Email: N/A		PO #: N/A		903.0/PreSep_21 Standard Target List		
Project Name: Powerton CCR (RAD)		WO #: N/A		904.0/PreSep_0 Standard Target List		
Site: N/A		Project #: 50011612		Perform MS/MSD (Yes or No)		
		SSOW#: N/A		Field Filtered Sample (Yes or No)		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sewer, Stormwater, Other)	Preservation Code	Special Instructions/Note:
MW-02 (500-268590-5)	5/20/25	08:20 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-03 (500-268590-6)	5/20/25	09:11 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-04 (500-268590-7)	5/20/25	10:05 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-05 (500-268590-8)	5/20/25	11:05 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 1 (500-268590-9)	5/20/25	Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 2 (500-268590-10)	5/20/25	Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 3 (500-268590-11)	5/20/25	Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-11 (500-268590-12)	5/20/25	12:27 Central	G	Water		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____
 Relinquished by: *Ali* Date: 5/21/25 1540 Company: _____
 Relinquished by: *M. Penette* Date/Time: MAY 22 2025 0830 Company: _____
 Relinquished by: *Meadow Pinette* Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Cooler Temperature(s) °C and Other Remarks: _____
 Δ Yes Δ No



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200824-1							
Client Contact:		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1							
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.	Accreditations Required (See note): NELAP - Illinois	Job #:	500-268590-1							
Address: 13715 Rider Trail North,		Due Date Requested: 6/11/2025	Preservation Codes:									
City: Earth City	State, Zip: MO, 63045	TAT Requested (days): N/A	Analysis Requested									
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A	Project #: 50011612	903.0/PreSep_21 Standard Target List									
E-mail: N/A	WO #: N/A	SSOW#: N/A	904.0/PreSep_0 Standard Target List									
Project Name: Powerton CCR	Site: N/A	Matrix (W=water, S=solid, O=water/oil, BT=Titanium, Ac=Air)	Ra228Ra228 GFPC									
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_0 Standard Target List	Ra228Ra228 GFPC	Total Number of Containers	Special Instructions/Note:
MW-12R (500-268590-13)	5/21/25	09:27 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-268590-14)	5/21/25	11:58 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-15 (500-268590-15)	5/21/25	11:00 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-16 (500-268590-16)	5/21/25	13:10 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-01 (500-268590-17)	5/21/25	08:22 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-10 (500-268590-18)	5/21/25	14:02 Central	G	Water	X	X	X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.</p>												
<p>Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2</p>												
<p>Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____</p>												
<p>Relinquished by: <i>Roshmi Nair</i> Date/Time: <i>5/21/25 17:00</i> Received by: <i>Cheyenne Forrest</i> Date/Time: <i>10:30</i> Company: <i>BETA</i> Company: _____</p>												
<p>Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____</p>												
<p>Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____</p>												
<p>Custody Seals Intact: _____ Cooler Temperature(s) °C and Other Remarks: _____</p>												

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



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200921.1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Test/America Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-268590-2	Preservation Codes:
Address: 13715 Rider Trail North,		Due Date Requested: 6/10/2025		Analysis Requested:	
City: Earth City		TAT Requested (days): N/A		Total Number of Containers	
State, Zip: MO, 63045		PO #: N/A		904.0/PreSep_0 Standard Target List	
Phone: 314-298-8666(Tel) 314-298-8757(Fax)		WO #: N/A		903.0/PreSep_21 Standard Target List	
Email: N/A		Project #: 50011612		Perform MS/MSD (Yes or No)	
Powerthon CCR (RAD)		SSOW#: N/A		Field Filtered Sample (Yes or No)	
Site: N/A		Sample Date		Sample Time	
Sample Identification - Client ID (Lab ID)		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=on-water, BT=181818, A=Air)	
MW-18 (500-268590-20)	5/22/25	08:49 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-18A (500-268590-21)	5/22/25	09:25 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-19 (500-268590-22)	5/22/25	11:17 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-21D (500-268590-23)	5/22/25	10:28 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-22 (500-268590-24)	5/22/25	11:52 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
<p>Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.</p>					
<p>Possible Hazard Identification <input type="checkbox"/> Unconfirmed <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>					
<p>Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2 Special Instructions/QC Requirements:</p>					
<p>Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____</p>					
<p>Relinquished by: <i>Suphonia Hemamony</i> Date/Time: 5/23/25 1100 Company: _____ Received by: <i>M. Penette</i> Date/Time: MAY 27 2025 0810 Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____ Received by: <i>Meadow Pinette</i> Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____</p>					
<p>Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____</p>					



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

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	3.7,5.7,4.1,1.1,2.4,0.9,1.8
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.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 05/21/25 10:26 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 05/22/25 11:31 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 05/23/25 12:15 PM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 05/27/25 12:16 PM

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

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



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-06

Lab Sample ID: 500-268590-1

Date Collected: 05/19/25 13:00

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724118	SWS	EET SL	06/24/25 12:15
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724118	SWS	EET SL	06/24/25 12:15
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:28
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-11

Lab Sample ID: 500-268590-12

Date Collected: 05/20/25 12:27

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:30
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:12
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-14

Lab Sample ID: 500-268590-14

Date Collected: 05/21/25 11:58

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:12
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-15

Lab Sample ID: 500-268590-15

Date Collected: 05/21/25 11:00

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-16

Lab Sample ID: 500-268590-16

Date Collected: 05/21/25 13:10

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:30
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:21
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:53
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:21
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:54
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-22

Lab Sample ID: 500-268590-24

Date Collected: 05/22/25 11:52

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:22
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:54
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

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: Powerton CCR (RAD)

Job ID: 500-268590-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

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Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	
500-268590-1	MW-06	87.1	
500-268590-2	MW-07	104	
500-268590-3	MW-08	92.0	
500-268590-4	MW-09	88.1	
500-268590-4 DU	MW-09	88.1	
500-268590-5	MW-02	92.8	
500-268590-6	MW-03	88.8	
500-268590-7	MW-04	92.3	
500-268590-8	MW-05	87.6	
500-268590-9	Duplicate 1	92.5	
500-268590-10	Duplicate 2	91.5	
500-268590-11	Duplicate 3	85.1	
500-268590-12	MW-11	84.3	
500-268590-13	MW-12R	87.1	
500-268590-14	MW-14	92.3	
500-268590-15	MW-15	84.6	
500-268590-16	MW-16	85.1	
500-268590-17	MW-01	93.3	
500-268590-18	MW-10	107	
500-268590-20	MW-18	78.4	
500-268590-21	MW-18A	76.4	
500-268590-22	MW-19	95.3	
500-268590-23	MW-21D	82.1	
500-268590-24	MW-22	90.0	
LCS 160-719558/2-A	Lab Control Sample	83.1	
LCS 160-720084/2-A	Lab Control Sample	88.8	
MB 160-719558/1-A	Method Blank	88.8	
MB 160-720084/1-A	Method Blank	91.3	

Tracer/Carrier Legend
Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-268590-1	MW-06	87.1	75.5
500-268590-2	MW-07	104	75.9
500-268590-3	MW-08	92.0	76.3
500-268590-4	MW-09	88.1	75.9
500-268590-4 DU	MW-09	88.1	81.9
500-268590-5	MW-02	92.8	85.6
500-268590-6	MW-03	88.8	84.5
500-268590-7	MW-04	92.3	83.0
500-268590-8	MW-05	87.6	85.6
500-268590-9	Duplicate 1	92.5	86.4
500-268590-10	Duplicate 2	91.5	83.7
500-268590-11	Duplicate 3	85.1	89.3

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
 Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-268590-12	MW-11	84.3	90.8
500-268590-13	MW-12R	87.1	93.5
500-268590-14	MW-14	92.3	91.2
500-268590-15	MW-15	84.6	89.3
500-268590-16	MW-16	85.1	82.6
500-268590-17	MW-01	93.3	88.6
500-268590-18	MW-10	107	87.9
500-268590-20	MW-18	78.4	91.2
500-268590-21	MW-18A	76.4	75.9
500-268590-22	MW-19	95.3	78.9
500-268590-23	MW-21D	82.1	72.5
500-268590-24	MW-22	90.0	80.0
LCS 160-719562/2-A	Lab Control Sample	83.1	77.8
LCS 160-720089/2-A	Lab Control Sample	88.8	75.9
MB 160-719562/1-A	Method Blank	88.8	80.7
MB 160-720089/1-A	Method Blank	91.3	78.5

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

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PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	5/21/25
Sample Name	MW-Ø1	Start Time	0805	
Condition of Well	Good			
Water Level	27.86	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	27.86	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & Fed. + State	CCR	Sample Time	0822
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0809	27.86	7.45	11.5	.676	9.81	159.3	6.40
0812	-	7.09	10.5	.648	9.33	182.6	7.09
0815	-	7.03	10.5	.645	9.13	187.9	6.76
0818	<	7.01	10.4	.645	8.97	192.4	7.27
0821							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	5/20/2025
Sample Name	MW-ØZ	Start Time	0750	
Condition of Well	Good			
Water Level	29.77	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	6at	WL at Sample Time	29.77	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & Fed + State CCR	Sample Time	0820	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0807	-	7.33	12.6	.684	7.19	1333	11.78
0810	-	7.17	12.8	.685	4.96	152.9	8.17
0813	-	7.12	12.7	.686	3.97	158.7	6.97
0816	-	7.09	12.7	.686	3.22	162.8	6.41
0819							

SAMPLING NOTES:

CCR Dup. 1

paused to fix up 10

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/20/25
Sample Name	MW-Ø3	Start Time	0854	
Condition of Well	Good			
Water Level	29.75	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	29.75	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & Fed. + State COP	Sample Time	0911	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0858	29.75	7.55	13.0	.597	9.27	188.4	5.70
0901	-	7.35	13.1	.600	5.34	189.0	5.72
0904	-	7.31	13.0	.599	4.44	189.0	5.69
0907	-	7.27	13.0	.598	3.66	189.1	5.27

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/20/25
Sample Name	MW - 04	Start Time	0949	
Condition of Well	Probably lid broken at hinge (still can lock)			
Water Level	29.08	Total Depth	29.08	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	29.08	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & Fed. + State CCR	Sample Time	10:05	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0952	29.08	7.39	15.5	.714	195.1 8.28	195.1	45.02
0955	-	7.17	15.7	.738	6.16	196.6	41.78
0958	-	7.14	15.7	.736	5.48	196.4	15.85
1001	-	7.13	15.7	.738	5.13	196.4	9.08

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/20/25
Sample Name	MW-05	Start Time	1048	
Condition of Well	Good			
Water Level	26.12	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	6 qt	WL at Sample Time	26.15	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & the Fed. & State CER	Sample Time	1105	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	pH (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1052	26.12	7.21	14.2	.931	7.30	197.3	4.89
1055	-	6.96	14.2	.930	4.46	199.9	6.20
1058	-	6.95	14.0	.927	3.76	199.6	6.25
1101	-	6.95	14.0	.917	3.19	199.2	5.56

SAMPLING NOTES: CER Dup. Z.

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)	DATE	5/19/25
Sample Name	MW-08C	Start Time	1229
Condition of Well	Good		
Water Level	15.27	Total Depth	-
Well Diameter	PVC - 2 inch	Volume in Well	-
Method of Purge	Low-Flow	Purge Characteristics	Cloudy Brown
Volume Removed	12 qt	WL at Sample Time	15.30
Method of Sample	Low-Flow	Sample Characteristics	Slightly Cloudy Brown/Clear
Sample Analysis	CCA & State CER	Sample Time	1300
Water Quality Meter	YSI ProDss		

Time	Depth to Water (ft)	pH (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1232	15.27	7.80	15.8	1.020	6.47	131.9	71.32
1235	-	7.74	15.5	.973	4.16	108.1	105.44
1238	-	7.70	15.4	.963	3.01	87.1	123.72
1241	-	7.68	15.3	.962	2.50	73.7	57.3
1244	-	7.66	15.3	.963	2.12	48.5	32.45
1247	-	7.65	15.4	.964	2.01	0.4	21.64
1250	-	7.65	15.4	.965	1.64	-35.2	20.81
1253	-	7.66	15.4	.965	1.47	-62.9	14.78
1256	-	7.65	15.4	.964	1.38	-74.0	18.20

SAMPLING NOTES: CCA Dup.

Sampler Name and Company: KPRG and Associates *JM*

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/19/25
Sample Name	Mw-07	Start Time	1135	
Condition of Well	Good			
Water Level	30.18	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Slightly Cloudy Gray	
Volume Removed	8 gal	W L at Sample Time	30.46	
Method of Sample	Low-flow bladder	Sample Characteristics	Slightly Cloudy Gray	
Sample Analysis	CCP & State CCR	Sample Time	1156	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1137	30.18	6.92	16.7	1.336	8.61	135.8	88.75
1140	-	6.62	16.9	1.477	4.61	10.0	10.84
1143	-	6.65	17.0	1.483	3.16	-27.5	11.53
1147	-	6.68	17.0	1.475	2.51	-42.2	14.45
1149	-	6.70	17.0	1.452	2.07	-51.6	18.78
1152	-	6.71	17.0	1.426	1.80	-57.1	17.57

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/20/25
Sample Name	MW-10	Start Time	1346	
Condition of Well	Good			
Water Level	19.60	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	4 gal	WL at Sample Time	19.62	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & Fed + State COP	Sample Time	1406	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1350	19.60	7.33	15.6	.812	8.16	172.5	11.55
1353	-	7.28	16.3	.813	7.72	175.2	10.82
1356	-	7.24	14.1	.796	6.13	176.3	24.71
1359	-	7.13	13.8	.796	3.54	175.3	18.82
1402	-	7.10	13.8	.796	2.98	174.8	18.13

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/21/25
Sample Name	MW-14	Start Time	1140	
Condition of Well	Good			
Water Level	25.48	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	26.65	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & State CCR	Sample Time	1200 1158	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1142	25.48	7.44	13.7	3.125	9.28	162.3	6.95
1145	-	7.21	14.5	3.260	6.10	162.0	9.78
1148	-	7.21	14.5	3.236	4.76	159.9	8.09
1151	-	7.20	14.4	3.216	3.31	154.9	7.49
1154	-	7.19	14.4	3.220	2.80	152.1	7.52

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	S/21/25
Sample Name	MW-16	Start Time	1252	
Condition of Well	Good			
Water Level	29.02	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	29.02	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & State CCR	Sample Time	1310	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1257	29.02	7.56	13.1	.621	9.23	166.4	6.68
1300	-	7.26	13.1	.616	8.91	172.7	7.03
1303	-	7.17	13.1	.615	8.71	176.3	6.91
1306	-	7.14	13.1	.615	8.63	178.6	6.74

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



5/22/25

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	MAY 22
Sample Name	MW-18A	Start Time	0905	
Condition of Well	Good			
Water Level	29.51	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Slightly Cloudy Gray	
Volume Removed	3 at	WL at Sample Time	32.95	
Method of Sample	Low-Flow	Sample Characteristics	Slightly Cloudy Gray	
Sample Analysis	State CCR	Sample Time	0925	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0909	29.51	7.26	14.6	1.657	8.61	108.3	39.01
0912	-	6.83	14.9	1.820	5.87	-31.6	83.30
0915	-	6.83	15.0	1.835	4.04	-60.6	48.66
0918	-	6.85	15.0	1.825	3.11	-68.3	27.55
0921	-	6.84	15.0	1.804	2.64	-69.8	21.60

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/22/25
Sample Name	MW-21D	Start Time	1010	
Condition of Well	Good			
Water Level	33.11	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	33.11	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	State CCR	Sample Time	1028	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1015	33.11	7.69	15.9	.900	7.96	111.1	17.53
1018	-	7.54	15.7	.934	4.77	106.4	11.97
1021	-	7.50	15.7	.932	3.76	102.3	11.73
1024	-	7.48	15.7	.931	3.02	97.2	11.14

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates 

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	5/22/25
Sample Name	MW-22	Start Time	1134	
Condition of Well	Good			
Water Level	20.44	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time		
Method of Sample	Low-Flow	Sample Characteristics		
Sample Analysis	State CCR	Sample Time	1152	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1136	20.44	7.62	14.2	.676	8.68	134.7	10.46
1139	-	7.15	13.2	.761	5.88	144.2	15.42
1142	-	7.04	13.2	.735	3.96	142.0	10.18
1145	-	7.01	13.2	.732	3.04	139.7	9.56
1148	-	6.99	13.2	.730	2.68	138.3	9.21

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates