

DATA SUMMARY POSTING

Station: Midwest Generation Powerton Generating Station

Regulated Unit(s):

Ash By-pass Basin (Pond ID W1798010008-04 / BOL Log No. 2021-508)

Ash Surge Basin (Pond ID W1798010008-01 / BOL Log No. 2021-507)

Former Ash Basin (Pond ID W1798010008-05 / BOL Log ID No. 2021-509)

Metals Cleaning Basin (Pond ID W1798010008-03 / BOL Log ID No. 2021-510)

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 3rd 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	
	8/14/2025	0.15	120	27	0.13	7.14	40	B 520	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	16.49	
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	
	8/12/2025	0.42	100	150	0.80		220	940	< 0.0030	0.0042	0.080	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.013	1.35	< 0.0025	< 0.0020		
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	0.0028	5.39	
	6/3/2021	2.1	200	26	1.0	6.79	590	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	0.0025	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	0.0023	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	0.0021	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	0.0022	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	0.0033	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	0.0020	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	0.0027	7.33	
	8/29/2023	1.5	180	150	1.0	6.84	880	2300	< 0.0020	< 0.0020	0.041	0.0010	< 0.00020	< 0.0050	< 0.00050	0.00056	0.024	< 0.00020	0.034	0.816	< 0.005	0.0022	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	0.0021	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	0.0051	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		
8/12/2025	2.4	250	69	2.0	7.5	1200	2900	< 0.0030	0.0017	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.035	< 0.368	0.0046	0.0020	15.16		
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	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	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	NA
	5/22/2025	0.43	280	120	0.34	6.84	47	1400																

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
	8/14/2025	0.15	120	27	0.13	7.14	40	B 520	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	16.49
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	< 0.0030	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	0.0014	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	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	0.00057	< 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	NS	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	< 0.00020	0.0072	< 0.434	0.0026	< 0.0020	5.43
	2/9/2022	0.18	96	47	0.17	7.33	48	520	< 0.0030	0.0017	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0012	0.0030	< 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	< 0.0030	< 0.0020	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 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	<								

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	< 0.0010	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	51	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	0.11	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	< 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	91	59	0.19	7.29	0.12	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	0.066	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	0.078	540	< 0.0030	0.0011	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 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	0.11	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	0.12	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	0.13	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	0.11	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	
8/13/2025	0.19	87	86	0.28	7.40	0.12	530	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.930	0.0059	< 0.0020	13.60	
MW-04 downgradient	6/20/2017	0.47	77	55	0.29	7.45	53	480	< 0.0030	< 0.0010	0.0025	< 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	90	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	0.051	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	< 0.0050	< 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	0.0012	< 0.010	< 0.00020	< 0.0050	0.366	< 0.0025	< 0.0020	NA
	4/30/2019	0.36	74	48	0.25	7.08	0.026	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	0.024	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		

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	13.00
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	77	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	0.0066	< 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	110	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	^ 92	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	0.0066	< 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	6.94	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	0.0031	< 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	< 0.0050	0.037	< 0.0010	< 0.00020	< 0.00050	< 0.00050	< 0.00050	< 0.010	< 0.00020	0.0040	0.817	< 0.0025	< 0.0020	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	0.0059	< 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	
8/13/2025	3.0	130	85	0.39	6.95	140	760	< 0.0030	< 0.0010	0.078	< 0.0010	0.0063	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0052	< 0.177	< 0.0025	< 0.0020	13.54	
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	0.49	6.69	24	1000	< 0.0030	0.14	0.49	< 0.0010	< 0.00050	0.0074	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	0.0070	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	0.0070	< 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	0.0048	< 0.010	< 0.00020	0.010	< 0.527	< 0.0025	< 0.0020	17.57	
8/12/2025	0.65	230	140	0.73	6.58	58	1000	< 0.0030	0.091	0.48	< 0.0010	0.0059	0.012	0.014	0.0072	0.012	< 0.00020	0.011	< 0.277	< 0.0025	< 0.0020	38.70	
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																	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/28/2025 3:53:01 PM

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-272952-1

Eurofins Chicago

Job Notes

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Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	30
QC Association	31
QC Sample Results	38
Chain of Custody	51
Receipt Checklists	62
Chronicle	63
Certification Summary	71

Case Narrative

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

Job ID: 500-272952-1

Job ID: 500-272952-1

Eurofins Chicago

Job Narrative 500-272952-1

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

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

Receipt

The samples were received on 8/12/2025 9:20 AM, 8/13/2025 9:10 AM, 8/14/2025 9:30 AM and 8/15/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6°C, 1.3°C, 1.8°C, 1.9°C, 2.2°C, 2.8°C, 2.9°C and 4.3°C.

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-18A (500-272952-18). 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 2540C: The sample duplicate precision for the following sample associated with analytical batch 500-830609 was outside control limits: Duplicate 3 (500-272952-11) and (500-272952-C-11 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: The method blank for analytical batch 500-830623 contained Total Dissolved Solids above the reporting limit (RL). Associated sample was not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 4500_F_C: The matrix spike (MS) recoveries for analytical batch 500-830541 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 4500_F_C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-830541 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-831378 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: 500-272952-1

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: 500-272952-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272952-1	MW-21D	Water	08/11/25 14:16	08/12/25 09:20	Illinois
500-272952-2	MW-22	Water	08/11/25 13:39	08/12/25 09:20	Illinois
500-272952-3	MW-01	Water	08/12/25 14:39	08/13/25 09:10	Illinois
500-272952-4	MW-14	Water	08/12/25 10:39	08/13/25 09:10	Illinois
500-272952-5	MW-15	Water	08/12/25 12:23	08/13/25 09:10	Illinois
500-272952-6	MW-06	Water	08/12/25 09:44	08/13/25 09:10	Illinois
500-272952-7	MW-07	Water	08/12/25 08:44	08/13/25 09:10	Illinois
500-272952-8	MW-10	Water	08/12/25 13:36	08/13/25 09:10	Illinois
500-272952-9	Duplicate	Water	08/12/25 00:00	08/13/25 09:10	Illinois
500-272952-10	Duplicate 2	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-11	Duplicate 3	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-12	MW-05	Water	08/13/25 14:26	08/14/25 09:30	Illinois
500-272952-13	MW-04	Water	08/13/25 13:09	08/14/25 09:30	Illinois
500-272952-14	MW-03	Water	08/13/25 11:52	08/14/25 09:30	Illinois
500-272952-15	MW-02	Water	08/13/25 10:58	08/14/25 09:30	Illinois
500-272952-16	MW-11	Water	08/13/25 10:02	08/14/25 09:30	Illinois
500-272952-17	MW-12R	Water	08/13/25 08:37	08/14/25 09:30	Illinois
500-272952-18	MW-18A	Water	08/14/25 12:48	08/15/25 09:10	Illinois
500-272952-19	MW-18	Water	08/14/25 12:07	08/15/25 09:10	Illinois
500-272952-20	MW-16	Water	08/14/25 11:01	08/15/25 09:10	Illinois
500-272952-21	MW-08	Water	08/14/25 10:07	08/15/25 09:10	Illinois
500-272952-22	MW-09	Water	08/14/25 08:56	08/15/25 09:10	Illinois
500-272952-23	MW-19	Water	08/14/25 08:16	08/15/25 09:10	Illinois

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 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		08/14/25 13:44	08/22/25 12:07	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Barium	0.067		0.0025		mg/L		08/14/25 13:44	08/22/25 12:07	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Boron	0.43		0.050		mg/L		08/14/25 13:44	08/25/25 13:16	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Calcium	76		0.20		mg/L		08/14/25 13:44	08/22/25 12:07	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Molybdenum	0.028		0.0050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:07	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			08/14/25 07:01	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/17/25 12:02	5
Fluoride (SM 4500 F C)	0.76		0.10		mg/L			08/13/25 13:37	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			08/25/25 10:34	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 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		08/14/25 13:44	08/22/25 12:23	1
Arsenic	0.0013		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Barium	0.11		0.0025		mg/L		08/14/25 13:44	08/22/25 12:23	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Boron	3.3		0.050		mg/L		08/14/25 13:44	08/25/25 13:37	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Calcium	130		0.20		mg/L		08/14/25 13:44	08/22/25 12:23	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Cobalt	0.0025		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Molybdenum	0.036		0.0050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Selenium	0.011		0.0025		mg/L		08/14/25 13:44	08/22/25 12:23	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	690		10		mg/L			08/14/25 07:03	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			08/17/25 11:39	1
Fluoride (SM 4500 F C)	0.51		0.10		mg/L			08/13/25 13:39	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			08/25/25 10:34	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:26	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Barium	0.093		0.0025		mg/L		08/14/25 13:44	08/22/25 12:26	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Boron	1.4		0.050		mg/L		08/14/25 13:44	08/25/25 13:41	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Calcium	110		0.20		mg/L		08/14/25 13:44	08/22/25 12:26	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Selenium	0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:26	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			08/14/25 07:06	1
Chloride (SM 4500 Cl- E)	52		4.0		mg/L			08/17/25 12:02	2
Fluoride (SM 4500 F C)	0.27	F1	0.10		mg/L			08/18/25 14:08	1
Sulfate (SM 4500 SO4 E)	51		10		mg/L			08/25/25 09:55	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:28	1
Arsenic	0.0017		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Barium	0.039		0.0025		mg/L		08/14/25 13:44	08/22/25 12:28	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Boron	2.4		0.050		mg/L		08/14/25 13:44	08/25/25 13:45	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Calcium	250		0.20		mg/L		08/14/25 13:44	08/22/25 12:28	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Lithium	0.023		0.010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Molybdenum	0.035		0.0050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Selenium	0.0046		0.0025		mg/L		08/14/25 13:44	08/22/25 12:28	1
Thallium	0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2900		10		mg/L			08/14/25 07:09	1
Chloride (SM 4500 Cl- E)	69		4.0		mg/L			08/17/25 12:03	2
Fluoride (SM 4500 F C)	2.0		0.10		mg/L			08/18/25 14:17	1
Sulfate (SM 4500 SO4 E)	1200		500		mg/L			08/25/25 10:45	100

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:30	1
Arsenic	0.0061		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Barium	0.069		0.0025		mg/L		08/14/25 13:44	08/22/25 12:30	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Boron	1.5		0.050		mg/L		08/14/25 13:44	08/25/25 13:49	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Calcium	180		0.20		mg/L		08/14/25 13:44	08/22/25 12:30	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Cobalt	0.0011		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Lithium	0.020		0.010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Molybdenum	0.045		0.0050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Selenium	0.010		0.0025		mg/L		08/14/25 13:44	08/22/25 12:30	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			08/14/25 07:11	1
Chloride (SM 4500 Cl- E)	300		20		mg/L			08/17/25 12:03	10
Fluoride (SM 4500 F C)	0.77		0.10		mg/L			08/18/25 14:20	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			08/25/25 09:56	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:32	1
Arsenic	0.0042		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Barium	0.080		0.0025		mg/L		08/14/25 13:44	08/22/25 12:32	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Boron	0.42		0.050		mg/L		08/14/25 13:44	08/25/25 13:53	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Calcium	100		0.20		mg/L		08/14/25 13:44	08/22/25 12:32	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Lithium	0.011		0.010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Molybdenum	0.013		0.0050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:32	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	940		10		mg/L			08/14/25 07:14	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			08/17/25 12:04	5
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			08/18/25 14:24	1
Sulfate (SM 4500 SO4 E)	220		25		mg/L			08/25/25 09:56	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:35	1
Arsenic	0.091		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Barium	0.48		0.0025		mg/L		08/14/25 13:44	08/22/25 12:35	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Boron	0.65		0.050		mg/L		08/14/25 13:44	08/25/25 14:06	1
Cadmium	0.00059		0.00050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Calcium	230		0.20		mg/L		08/14/25 13:44	08/22/25 12:35	1
Chromium	0.012		0.0050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Cobalt	0.014		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Lead	0.0072		0.00050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Lithium	0.012		0.010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Molybdenum	0.011		0.0050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:35	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			08/14/25 07:16	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			08/17/25 12:02	5
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			08/18/25 14:28	1
Sulfate (SM 4500 SO4 E)	58		10		mg/L			08/25/25 09:56	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:37	1
Arsenic	0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Barium	0.24		0.0025		mg/L		08/14/25 13:44	08/22/25 12:37	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Boron	3.0		0.050		mg/L		08/14/25 13:44	08/25/25 14:11	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Calcium	120		0.20		mg/L		08/14/25 13:44	08/22/25 12:37	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Cobalt	0.0046		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Lead	0.00070		0.00050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Selenium	0.0044		0.0025		mg/L		08/14/25 13:44	08/22/25 12:37	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	670		10		mg/L			08/14/25 07:19	1
Chloride (SM 4500 Cl- E)	73		4.0		mg/L			08/17/25 12:04	2
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			08/18/25 14:32	1
Sulfate (SM 4500 SO4 E)	67		10		mg/L			08/25/25 09:57	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:39	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Barium	0.23		0.0025		mg/L		08/14/25 13:44	08/22/25 12:39	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Boron	3.0		0.050		mg/L		08/14/25 13:44	08/25/25 14:15	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Calcium	120		0.20		mg/L		08/14/25 13:44	08/22/25 12:39	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Cobalt	0.0030		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Selenium	0.0047		0.0025		mg/L		08/14/25 13:44	08/22/25 12:39	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			08/14/25 07:21	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			08/19/25 10:21	2
Fluoride (SM 4500 F C)	0.41		0.10		mg/L			08/18/25 14:46	1
Sulfate (SM 4500 SO4 E)	67		10		mg/L			08/25/25 09:58	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:15	1
Arsenic	0.012		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Barium	0.064		0.0025		mg/L		08/15/25 14:00	08/22/25 13:15	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Boron	0.43		0.050		mg/L		08/15/25 14:00	08/25/25 14:07	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Calcium	100		0.20		mg/L		08/15/25 14:00	08/22/25 13:15	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Molybdenum	0.011		0.0050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:15	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	820		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:21	5
Fluoride (SM 4500 F C)	0.74		0.10		mg/L			08/18/25 14:52	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			08/25/25 09:58	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:26	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Barium	0.12		0.0025		mg/L		08/15/25 14:00	08/22/25 13:26	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Boron	0.19		0.050		mg/L		08/15/25 14:00	08/25/25 14:22	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Calcium	86		0.20		mg/L		08/15/25 14:00	08/22/25 13:26	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Selenium	0.0055		0.0025		mg/L		08/15/25 14:00	08/22/25 13:26	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	86		10		mg/L			08/19/25 10:22	5
Fluoride (SM 4500 F C)	0.29		0.10		mg/L			08/18/25 14:55	1
Sulfate (SM 4500 SO4 E)	33		5.0		mg/L			08/25/25 09:22	1

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:29	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Barium	0.078		0.0025		mg/L		08/15/25 14:00	08/22/25 13:29	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Boron	3.0		0.050		mg/L		08/15/25 14:00	08/25/25 14:19	1
Cadmium	0.00063		0.00050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Calcium	130		0.20		mg/L		08/15/25 14:00	08/22/25 13:29	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Molybdenum	0.0052		0.0050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:29	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	85		10		mg/L			08/19/25 10:22	5
Fluoride (SM 4500 F C)	0.39		0.10		mg/L			08/18/25 15:01	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			08/25/25 09:59	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:31	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Barium	0.077		0.0025		mg/L		08/15/25 14:00	08/22/25 13:31	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Boron	3.3		0.050		mg/L		08/15/25 14:00	08/25/25 14:31	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Calcium	120		0.20		mg/L		08/15/25 14:00	08/22/25 13:31	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:31	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	65		4.0		mg/L			08/19/25 10:22	2
Fluoride (SM 4500 F C)	0.32		0.10		mg/L			08/18/25 15:07	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			08/25/25 09:59	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:33	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Barium	0.12		0.0025		mg/L		08/15/25 14:00	08/22/25 13:33	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Boron	0.19		0.050		mg/L		08/15/25 14:00	08/25/25 14:24	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Calcium	87		0.20		mg/L		08/15/25 14:00	08/22/25 13:33	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Selenium	0.0059		0.0025		mg/L		08/15/25 14:00	08/22/25 13:33	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	86		10		mg/L			08/19/25 10:23	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			08/18/25 15:10	1
Sulfate (SM 4500 SO4 E)	34		5.0		mg/L			08/25/25 09:22	1

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:35	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Barium	0.10		0.0025		mg/L		08/15/25 14:00	08/22/25 13:35	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Boron	2.8		0.050		mg/L		08/15/25 14:00	08/25/25 14:34	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Calcium	110		0.20		mg/L		08/15/25 14:00	08/22/25 13:35	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Lithium	0.011		0.010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Selenium	0.0027		0.0025		mg/L		08/15/25 14:00	08/22/25 13:35	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			08/19/25 10:23	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			08/18/25 15:14	1
Sulfate (SM 4500 SO4 E)	74		10		mg/L			08/25/25 09:59	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:42	1
Arsenic	0.016		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Barium	0.20		0.0025		mg/L		08/15/25 14:00	08/22/25 13:42	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Boron	2.0		0.050		mg/L		08/15/25 14:00	08/25/25 14:36	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Calcium	120		0.20		mg/L		08/15/25 14:00	08/22/25 13:42	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Cobalt	0.0017		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Molybdenum	0.014		0.0050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:42	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	680		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	55		4.0		mg/L			08/19/25 10:23	2
Fluoride (SM 4500 F C)	0.72		0.10		mg/L			08/18/25 15:18	1
Sulfate (SM 4500 SO4 E)	86		10		mg/L			08/25/25 10:00	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

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		08/15/25 14:00	08/22/25 13:45	1
Arsenic	0.018		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Barium	0.069		0.0025		mg/L		08/15/25 14:00	08/22/25 13:45	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Boron	0.48		0.050		mg/L		08/15/25 14:00	08/25/25 14:39	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Calcium	110		0.20		mg/L		08/15/25 14:00	08/22/25 13:45	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Lithium	0.011		0.010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Molybdenum	0.012		0.0050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:45	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	790		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:24	5
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			08/18/25 15:22	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			08/25/25 10:00	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:37	1
Arsenic	0.012		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Barium	0.46		0.0025		mg/L		08/18/25 13:25	08/22/25 12:37	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Boron	0.38		0.050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Calcium	290		1.0		mg/L		08/18/25 13:25	08/25/25 15:10	5
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Cobalt	0.0035		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Lithium	<0.050		0.050		mg/L		08/18/25 13:25	08/25/25 15:10	5
Molybdenum	0.0069		0.0050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:37	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			08/19/25 10:24	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			08/18/25 15:25	1
Sulfate (SM 4500 SO4 E)	<5.0	F1	5.0		mg/L			08/25/25 09:24	1

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:50	1
Arsenic	0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Barium	0.12		0.0025		mg/L		08/18/25 13:25	08/22/25 12:50	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Boron	0.64		0.050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Calcium	120		0.20		mg/L		08/18/25 13:25	08/22/25 12:50	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Lithium	0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:22	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:50	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	870	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			08/19/25 10:25	5
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			08/18/25 15:38	1
Sulfate (SM 4500 SO4 E)	130		25		mg/L			08/26/25 14:16	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:52	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Barium	0.043		0.0025		mg/L		08/18/25 13:25	08/22/25 12:52	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Boron	0.15		0.050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Calcium	120		0.20		mg/L		08/18/25 13:25	08/22/25 12:52	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:30	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:52	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	27		2.0		mg/L			08/19/25 10:04	1
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			08/18/25 15:42	1
Sulfate (SM 4500 SO4 E)	40		5.0		mg/L			08/26/25 13:21	1

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:55	1
Arsenic	0.0023		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Barium	0.12		0.0025		mg/L		08/18/25 13:25	08/22/25 12:55	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Boron	0.45		0.050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Calcium	110		0.20		mg/L		08/18/25 13:25	08/22/25 12:55	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Lithium	0.019		0.010		mg/L		08/18/25 13:25	08/25/25 15:32	1
Molybdenum	0.0080		0.0050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:55	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:25	5
Fluoride (SM 4500 F C)	0.50		0.10		mg/L			08/18/25 15:45	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			08/26/25 13:53	5

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 13:02	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:02	1
Barium	0.035		0.0025		mg/L		08/18/25 13:25	08/22/25 13:02	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/25/25 15:35	1
Boron	2.3		0.050		mg/L		08/18/25 13:25	08/25/25 15:35	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Calcium	82		0.20		mg/L		08/18/25 13:25	08/22/25 13:02	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:02	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:35	1
Molybdenum	0.019		0.0050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Selenium	0.0076		0.0025		mg/L		08/18/25 13:25	08/22/25 13:02	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 13:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	28		2.0		mg/L			08/19/25 10:04	1
Fluoride (SM 4500 F C)	0.19		0.10		mg/L			08/18/25 15:51	1
Sulfate (SM 4500 SO4 E)	94		10		mg/L			08/26/25 13:52	2

Client Sample Results

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

Job ID: 500-272952-1

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 13:05	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:05	1
Barium	0.059		0.0025		mg/L		08/18/25 13:25	08/22/25 13:05	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/25/25 15:37	1
Boron	2.4		0.050		mg/L		08/18/25 13:25	08/25/25 15:37	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Calcium	77		0.20		mg/L		08/18/25 13:25	08/22/25 13:05	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:05	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:37	1
Molybdenum	0.036		0.0050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Selenium	0.0093		0.0025		mg/L		08/18/25 13:25	08/22/25 13:05	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 13:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	29		2.0		mg/L			08/19/25 10:05	1
Fluoride (SM 4500 F C)	0.24	F1	0.10		mg/L			08/18/25 16:07	1
Sulfate (SM 4500 SO4 E)	95		10		mg/L			08/26/25 13:52	2

Definitions/Glossary

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

Job ID: 500-272952-1

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
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control 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

Job ID: 500-272952-1

Metals

Prep Batch: 830133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	3005A	
500-272952-2	MW-22	Total Recoverable	Water	3005A	
500-272952-3	MW-01	Total Recoverable	Water	3005A	
500-272952-4	MW-14	Total Recoverable	Water	3005A	
500-272952-5	MW-15	Total Recoverable	Water	3005A	
500-272952-6	MW-06	Total Recoverable	Water	3005A	
500-272952-7	MW-07	Total Recoverable	Water	3005A	
500-272952-8	MW-10	Total Recoverable	Water	3005A	
500-272952-9	Duplicate	Total Recoverable	Water	3005A	
MB 500-830133/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830133/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-1 MS	MW-21D	Total Recoverable	Water	3005A	
500-272952-1 MSD	MW-21D	Total Recoverable	Water	3005A	
500-272952-1 DU	MW-21D	Total Recoverable	Water	3005A	

Prep Batch: 830309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-11	Duplicate 3	Total Recoverable	Water	3005A	
500-272952-12	MW-05	Total Recoverable	Water	3005A	
500-272952-13	MW-04	Total Recoverable	Water	3005A	
500-272952-14	MW-03	Total Recoverable	Water	3005A	
500-272952-15	MW-02	Total Recoverable	Water	3005A	
500-272952-16	MW-11	Total Recoverable	Water	3005A	
500-272952-17	MW-12R	Total Recoverable	Water	3005A	
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	3005A	

Prep Batch: 830494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total Recoverable	Water	3005A	
500-272952-19	MW-18	Total Recoverable	Water	3005A	
500-272952-20	MW-16	Total Recoverable	Water	3005A	
500-272952-21	MW-08	Total Recoverable	Water	3005A	
500-272952-22	MW-09	Total Recoverable	Water	3005A	
500-272952-23	MW-19	Total Recoverable	Water	3005A	
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-18 MS	MW-18A	Total Recoverable	Water	3005A	
500-272952-18 MSD	MW-18A	Total Recoverable	Water	3005A	
500-272952-18 DU	MW-18A	Total Recoverable	Water	3005A	

Prep Batch: 830983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	7470A	
500-272952-2	MW-22	Total/NA	Water	7470A	
500-272952-3	MW-01	Total/NA	Water	7470A	
500-272952-4	MW-14	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 500-272952-1

Metals (Continued)

Prep Batch: 830983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-5	MW-15	Total/NA	Water	7470A	
500-272952-6	MW-06	Total/NA	Water	7470A	
500-272952-7	MW-07	Total/NA	Water	7470A	
500-272952-8	MW-10	Total/NA	Water	7470A	
500-272952-9	Duplicate	Total/NA	Water	7470A	
500-272952-10	Duplicate 2	Total/NA	Water	7470A	
500-272952-11	Duplicate 3	Total/NA	Water	7470A	
500-272952-12	MW-05	Total/NA	Water	7470A	
500-272952-13	MW-04	Total/NA	Water	7470A	
500-272952-14	MW-03	Total/NA	Water	7470A	
500-272952-15	MW-02	Total/NA	Water	7470A	
500-272952-16	MW-11	Total/NA	Water	7470A	
500-272952-17	MW-12R	Total/NA	Water	7470A	
500-272952-18	MW-18A	Total/NA	Water	7470A	
500-272952-19	MW-18	Total/NA	Water	7470A	
500-272952-20	MW-16	Total/NA	Water	7470A	
MB 500-830983/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-830983/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-272952-9 MS	Duplicate	Total/NA	Water	7470A	
500-272952-9 MSD	Duplicate	Total/NA	Water	7470A	
500-272952-9 DU	Duplicate	Total/NA	Water	7470A	

Prep Batch: 830984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-21	MW-08	Total/NA	Water	7470A	
500-272952-22	MW-09	Total/NA	Water	7470A	
500-272952-23	MW-19	Total/NA	Water	7470A	
MB 500-830984/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-830984/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 831179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	7470A	830983
500-272952-2	MW-22	Total/NA	Water	7470A	830983
500-272952-3	MW-01	Total/NA	Water	7470A	830983
500-272952-4	MW-14	Total/NA	Water	7470A	830983
500-272952-5	MW-15	Total/NA	Water	7470A	830983
500-272952-6	MW-06	Total/NA	Water	7470A	830983
500-272952-7	MW-07	Total/NA	Water	7470A	830983
500-272952-8	MW-10	Total/NA	Water	7470A	830983
500-272952-9	Duplicate	Total/NA	Water	7470A	830983
500-272952-10	Duplicate 2	Total/NA	Water	7470A	830983
500-272952-11	Duplicate 3	Total/NA	Water	7470A	830983
500-272952-12	MW-05	Total/NA	Water	7470A	830983
500-272952-13	MW-04	Total/NA	Water	7470A	830983
500-272952-14	MW-03	Total/NA	Water	7470A	830983
500-272952-15	MW-02	Total/NA	Water	7470A	830983
500-272952-16	MW-11	Total/NA	Water	7470A	830983
500-272952-17	MW-12R	Total/NA	Water	7470A	830983
500-272952-18	MW-18A	Total/NA	Water	7470A	830983
500-272952-19	MW-18	Total/NA	Water	7470A	830983

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QC Association Summary

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

Job ID: 500-272952-1

Metals (Continued)

Analysis Batch: 831179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	7470A	830983
500-272952-21	MW-08	Total/NA	Water	7470A	830984
500-272952-22	MW-09	Total/NA	Water	7470A	830984
500-272952-23	MW-19	Total/NA	Water	7470A	830984
MB 500-830983/12-A	Method Blank	Total/NA	Water	7470A	830983
MB 500-830984/12-A	Method Blank	Total/NA	Water	7470A	830984
LCS 500-830983/13-A	Lab Control Sample	Total/NA	Water	7470A	830983
LCS 500-830984/13-A	Lab Control Sample	Total/NA	Water	7470A	830984
500-272952-9 MS	Duplicate	Total/NA	Water	7470A	830983
500-272952-9 MSD	Duplicate	Total/NA	Water	7470A	830983
500-272952-9 DU	Duplicate	Total/NA	Water	7470A	830983

Analysis Batch: 831326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-2	MW-22	Total Recoverable	Water	6020B	830133
500-272952-3	MW-01	Total Recoverable	Water	6020B	830133
500-272952-4	MW-14	Total Recoverable	Water	6020B	830133
500-272952-5	MW-15	Total Recoverable	Water	6020B	830133
500-272952-6	MW-06	Total Recoverable	Water	6020B	830133
500-272952-7	MW-07	Total Recoverable	Water	6020B	830133
500-272952-8	MW-10	Total Recoverable	Water	6020B	830133
500-272952-9	Duplicate	Total Recoverable	Water	6020B	830133
500-272952-10	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-11	Duplicate 3	Total Recoverable	Water	6020B	830309
500-272952-12	MW-05	Total Recoverable	Water	6020B	830309
500-272952-13	MW-04	Total Recoverable	Water	6020B	830309
500-272952-14	MW-03	Total Recoverable	Water	6020B	830309
500-272952-15	MW-02	Total Recoverable	Water	6020B	830309
500-272952-16	MW-11	Total Recoverable	Water	6020B	830309
500-272952-17	MW-12R	Total Recoverable	Water	6020B	830309
MB 500-830133/1-A	Method Blank	Total Recoverable	Water	6020B	830133
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	6020B	830309
LCS 500-830133/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830133
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830309
500-272952-1 MS	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 MSD	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-1 DU	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	6020B	830309

Analysis Batch: 831327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-19	MW-18	Total Recoverable	Water	6020B	830494
500-272952-20	MW-16	Total Recoverable	Water	6020B	830494
500-272952-21	MW-08	Total Recoverable	Water	6020B	830494
500-272952-22	MW-09	Total Recoverable	Water	6020B	830494
500-272952-23	MW-19	Total Recoverable	Water	6020B	830494
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	6020B	830494

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QC Association Summary

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

Job ID: 500-272952-1

Metals (Continued)

Analysis Batch: 831327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830494
500-272952-18 MS	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 MSD	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 DU	MW-18A	Total Recoverable	Water	6020B	830494

Analysis Batch: 831486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-2	MW-22	Total Recoverable	Water	6020B	830133
500-272952-3	MW-01	Total Recoverable	Water	6020B	830133
500-272952-4	MW-14	Total Recoverable	Water	6020B	830133
500-272952-5	MW-15	Total Recoverable	Water	6020B	830133
500-272952-6	MW-06	Total Recoverable	Water	6020B	830133
500-272952-7	MW-07	Total Recoverable	Water	6020B	830133
500-272952-8	MW-10	Total Recoverable	Water	6020B	830133
500-272952-9	Duplicate	Total Recoverable	Water	6020B	830133
500-272952-1 MS	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 MSD	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 DU	MW-21D	Total Recoverable	Water	6020B	830133

Analysis Batch: 831488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-11	Duplicate 3	Total Recoverable	Water	6020B	830309
500-272952-12	MW-05	Total Recoverable	Water	6020B	830309
500-272952-13	MW-04	Total Recoverable	Water	6020B	830309
500-272952-14	MW-03	Total Recoverable	Water	6020B	830309
500-272952-15	MW-02	Total Recoverable	Water	6020B	830309
500-272952-16	MW-11	Total Recoverable	Water	6020B	830309
500-272952-17	MW-12R	Total Recoverable	Water	6020B	830309
500-272952-18	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-19	MW-18	Total Recoverable	Water	6020B	830494
500-272952-20	MW-16	Total Recoverable	Water	6020B	830494
500-272952-21	MW-08	Total Recoverable	Water	6020B	830494
500-272952-22	MW-09	Total Recoverable	Water	6020B	830494
500-272952-23	MW-19	Total Recoverable	Water	6020B	830494
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	6020B	830309
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	6020B	830494
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830309
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830494
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-18 MS	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 MSD	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-18 DU	MW-18A	Total Recoverable	Water	6020B	830494

QC Association Summary

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

Job ID: 500-272952-1

General Chemistry

Analysis Batch: 829942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 F C	
500-272952-2	MW-22	Total/NA	Water	SM 4500 F C	
MB 500-829942/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-829942/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 2540C	
500-272952-2	MW-22	Total/NA	Water	SM 2540C	
500-272952-3	MW-01	Total/NA	Water	SM 2540C	
500-272952-4	MW-14	Total/NA	Water	SM 2540C	
500-272952-5	MW-15	Total/NA	Water	SM 2540C	
500-272952-6	MW-06	Total/NA	Water	SM 2540C	
500-272952-7	MW-07	Total/NA	Water	SM 2540C	
500-272952-8	MW-10	Total/NA	Water	SM 2540C	
500-272952-9	Duplicate	Total/NA	Water	SM 2540C	
MB 500-830060/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830060/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 830368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 Cl- E	
500-272952-2	MW-22	Total/NA	Water	SM 4500 Cl- E	
500-272952-3	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-272952-4	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-272952-5	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-272952-6	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-272952-7	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-272952-8	MW-10	Total/NA	Water	SM 4500 Cl- E	
MB 500-830368/64	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-830368/65	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 830541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-4	MW-14	Total/NA	Water	SM 4500 F C	
500-272952-5	MW-15	Total/NA	Water	SM 4500 F C	
500-272952-6	MW-06	Total/NA	Water	SM 4500 F C	
500-272952-7	MW-07	Total/NA	Water	SM 4500 F C	
500-272952-8	MW-10	Total/NA	Water	SM 4500 F C	
500-272952-9	Duplicate	Total/NA	Water	SM 4500 F C	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 F C	
500-272952-12	MW-05	Total/NA	Water	SM 4500 F C	
500-272952-13	MW-04	Total/NA	Water	SM 4500 F C	
500-272952-14	MW-03	Total/NA	Water	SM 4500 F C	
500-272952-15	MW-02	Total/NA	Water	SM 4500 F C	
500-272952-16	MW-11	Total/NA	Water	SM 4500 F C	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 F C	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 F C	
500-272952-19	MW-18	Total/NA	Water	SM 4500 F C	

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QC Association Summary

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

Job ID: 500-272952-1

General Chemistry (Continued)

Analysis Batch: 830541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	SM 4500 F C	
500-272952-21	MW-08	Total/NA	Water	SM 4500 F C	
500-272952-22	MW-09	Total/NA	Water	SM 4500 F C	
500-272952-23	MW-19	Total/NA	Water	SM 4500 F C	
MB 500-830541/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-830541/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-830541/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-830541/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-272952-3 MS	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-3 MSD	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-23 MS	MW-19	Total/NA	Water	SM 4500 F C	
500-272952-23 MSD	MW-19	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	SM 2540C	
500-272952-11	Duplicate 3	Total/NA	Water	SM 2540C	
500-272952-12	MW-05	Total/NA	Water	SM 2540C	
500-272952-13	MW-04	Total/NA	Water	SM 2540C	
500-272952-14	MW-03	Total/NA	Water	SM 2540C	
500-272952-15	MW-02	Total/NA	Water	SM 2540C	
500-272952-16	MW-11	Total/NA	Water	SM 2540C	
500-272952-17	MW-12R	Total/NA	Water	SM 2540C	
MB 500-830609/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830609/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-272952-10 MS	Duplicate 2	Total/NA	Water	SM 2540C	
500-272952-11 DU	Duplicate 3	Total/NA	Water	SM 2540C	
500-272952-12 DU	MW-05	Total/NA	Water	SM 2540C	

Analysis Batch: 830623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	SM 2540C	
500-272952-19	MW-18	Total/NA	Water	SM 2540C	
500-272952-20	MW-16	Total/NA	Water	SM 2540C	
500-272952-21	MW-08	Total/NA	Water	SM 2540C	
500-272952-22	MW-09	Total/NA	Water	SM 2540C	
500-272952-23	MW-19	Total/NA	Water	SM 2540C	
MB 500-830623/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830623/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-272952-22 DU	MW-09	Total/NA	Water	SM 2540C	
500-272952-23 DU	MW-19	Total/NA	Water	SM 2540C	

Analysis Batch: 830669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-9	Duplicate	Total/NA	Water	SM 4500 Cl- E	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 Cl- E	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 Cl- E	
500-272952-12	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-272952-13	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-272952-14	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-272952-15	MW-02	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: 500-272952-1

General Chemistry (Continued)

Analysis Batch: 830669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-16	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 Cl- E	
500-272952-19	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-272952-20	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-272952-21	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-272952-22	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-272952-23	MW-19	Total/NA	Water	SM 4500 Cl- E	
MB 500-830669/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-830669/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 831378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 SO4 E	
500-272952-2	MW-22	Total/NA	Water	SM 4500 SO4 E	
500-272952-3	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-272952-4	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-272952-5	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-272952-6	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-272952-7	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-272952-8	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-272952-9	Duplicate	Total/NA	Water	SM 4500 SO4 E	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 SO4 E	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 SO4 E	
500-272952-12	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-272952-13	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-272952-14	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-272952-15	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-272952-16	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 SO4 E	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 SO4 E	
MB 500-831378/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-831378/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-272952-18 MS	MW-18A	Total/NA	Water	SM 4500 SO4 E	
500-272952-18 MSD	MW-18A	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 831598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-19	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-272952-20	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-272952-21	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-272952-22	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-272952-23	MW-19	Total/NA	Water	SM 4500 SO4 E	
MB 500-831598/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-831598/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

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

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-830133/1-A
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:03	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Barium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:03	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Boron	<0.050		0.050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Calcium	<0.20		0.20		mg/L		08/14/25 13:44	08/22/25 12:03	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:03	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:03	1

Lab Sample ID: LCS 500-830133/2-A
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.500	0.504		mg/L		101	80 - 120
Arsenic	0.100	0.0967		mg/L		97	80 - 120
Barium	2.00	2.02		mg/L		101	80 - 120
Beryllium	0.0500	0.0527		mg/L		105	80 - 120
Boron	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.0500	0.0504		mg/L		101	80 - 120
Calcium	10.0	9.81		mg/L		98	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.500	0.525		mg/L		105	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.500	0.548		mg/L		110	80 - 120
Molybdenum	1.00	0.981		mg/L		98	80 - 120
Selenium	0.100	0.0943		mg/L		94	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 500-272952-1 MS
Matrix: Water
Analysis Batch: 831326

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Antimony	<0.0030		0.500	0.512		mg/L		102	75 - 125
Arsenic	<0.0010		0.100	0.101		mg/L		100	75 - 125
Barium	0.067		2.00	2.08		mg/L		101	75 - 125
Beryllium	<0.0010		0.0500	0.0505		mg/L		101	75 - 125
Cadmium	<0.00050		0.0500	0.0497		mg/L		99	75 - 125
Calcium	76		10.0	87.8	4	mg/L		114	75 - 125
Chromium	<0.0050		0.200	0.190		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.498		mg/L		100	75 - 125
Lead	<0.00050		0.100	0.0986		mg/L		98	75 - 125

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QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-1 MS
Matrix: Water
Analysis Batch: 831326

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Lithium	<0.010		0.500	0.506		mg/L		100	75 - 125	
Molybdenum	0.028		1.00	1.03		mg/L		100	75 - 125	
Selenium	<0.0025		0.100	0.100		mg/L		100	75 - 125	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	

Lab Sample ID: 500-272952-1 MS
Matrix: Water
Analysis Batch: 831486

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Boron	0.43		1.00	1.40		mg/L		98	75 - 125	

Lab Sample ID: 500-272952-1 MSD
Matrix: Water
Analysis Batch: 831326

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.0030		0.500	0.517		mg/L		103	75 - 125	1	20	
Arsenic	<0.0010		0.100	0.102		mg/L		101	75 - 125	1	20	
Barium	0.067		2.00	2.11		mg/L		102	75 - 125	1	20	
Beryllium	<0.0010		0.0500	0.0507		mg/L		101	75 - 125	0	20	
Cadmium	<0.00050		0.0500	0.0498		mg/L		100	75 - 125	0	20	
Calcium	76		10.0	88.6	4	mg/L		122	75 - 125	1	20	
Chromium	<0.0050		0.200	0.193		mg/L		97	75 - 125	2	20	
Cobalt	<0.0010		0.500	0.499		mg/L		100	75 - 125	0	20	
Lead	<0.00050		0.100	0.0985		mg/L		98	75 - 125	0	20	
Lithium	<0.010		0.500	0.515		mg/L		102	75 - 125	2	20	
Molybdenum	0.028		1.00	1.03		mg/L		101	75 - 125	0	20	
Selenium	<0.0025		0.100	0.0990		mg/L		99	75 - 125	1	20	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	0	20	

Lab Sample ID: 500-272952-1 MSD
Matrix: Water
Analysis Batch: 831486

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Boron	0.43		1.00	1.41		mg/L		98	75 - 125	0	20	

Lab Sample ID: 500-272952-1 DU
Matrix: Water
Analysis Batch: 831326

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit	
	Result	Qualifier	Result	Qualifier				RPD	Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20	
Arsenic	<0.0010		<0.0010		mg/L		NC	20	
Barium	0.067		0.0652		mg/L		2	20	
Beryllium	<0.0010		<0.0010		mg/L		NC	20	
Cadmium	<0.00050		<0.00050		mg/L		NC	20	
Calcium	76		74.0		mg/L		3	20	
Chromium	<0.0050		<0.0050		mg/L		NC	20	

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QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-1 DU
Matrix: Water
Analysis Batch: 831326

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	0.028		0.0274		mg/L		0.4	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-1 DU
Matrix: Water
Analysis Batch: 831486

Client Sample ID: MW-21D
Prep Type: Total Recoverable
Prep Batch: 830133

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	0.43		0.420		mg/L		2	20

Lab Sample ID: MB 500-830309/1-A
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:06	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Barium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:06	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Calcium	<0.20		0.20		mg/L		08/15/25 14:00	08/22/25 13:06	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:06	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:06	1

Lab Sample ID: MB 500-830309/1-A
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.050		0.050		mg/L		08/15/25 14:00	08/25/25 14:02	1

Lab Sample ID: LCS 500-830309/2-A
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.500	0.502		mg/L		100	80 - 120
Arsenic	0.100	0.0947		mg/L		95	80 - 120
Barium	2.00	2.04		mg/L		102	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120

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QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: LCS 500-830309/2-A
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Calcium	10.0	9.76		mg/L		98	80 - 120	
Chromium	0.200	0.200		mg/L		100	80 - 120	
Cobalt	0.500	0.529		mg/L		106	80 - 120	
Lead	0.100	0.0996		mg/L		100	80 - 120	
Lithium	0.500	0.546		mg/L		109	80 - 120	
Molybdenum	1.00	0.973		mg/L		97	80 - 120	
Selenium	0.100	0.0931		mg/L		93	80 - 120	
Thallium	0.100	0.104		mg/L		104	80 - 120	

Lab Sample ID: LCS 500-830309/2-A
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	1.00	1.03		mg/L		103	80 - 120	

Lab Sample ID: 500-272952-10 MS
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.0030		0.500	0.515		mg/L		103	75 - 125	
Arsenic	0.012		0.100	0.111		mg/L		99	75 - 125	
Barium	0.064		2.00	2.08		mg/L		101	75 - 125	
Beryllium	<0.0010		0.0500	0.0524		mg/L		105	75 - 125	
Cadmium	<0.00050		0.0500	0.0499		mg/L		100	75 - 125	
Calcium	100		10.0	115	4	mg/L		132	75 - 125	
Chromium	<0.0050		0.200	0.194		mg/L		97	75 - 125	
Cobalt	<0.0010		0.500	0.505		mg/L		101	75 - 125	
Lead	<0.00050		0.100	0.0983		mg/L		98	75 - 125	
Lithium	<0.010		0.500	0.525		mg/L		103	75 - 125	
Molybdenum	0.011		1.00	1.02		mg/L		101	75 - 125	
Selenium	<0.0025		0.100	0.0950		mg/L		95	75 - 125	
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	

Lab Sample ID: 500-272952-10 MS
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	0.43		1.00	1.47		mg/L		104	75 - 125	

Lab Sample ID: 500-272952-10 MSD
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	<0.0030		0.500	0.526		mg/L		105	75 - 125	2	20	
Arsenic	0.012		0.100	0.112		mg/L		100	75 - 125	1	20	
Barium	0.064		2.00	2.11		mg/L		102	75 - 125	1	20	

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QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-10 MSD
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Beryllium	<0.0010		0.0500	0.0528		mg/L		106	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0505		mg/L		101	75 - 125	1	20
Calcium	100		10.0	114	4	mg/L		130	75 - 125	0	20
Chromium	<0.0050		0.200	0.193		mg/L		96	75 - 125	1	20
Cobalt	<0.0010		0.500	0.511		mg/L		102	75 - 125	1	20
Lead	<0.00050		0.100	0.0995		mg/L		99	75 - 125	1	20
Lithium	<0.010		0.500	0.528		mg/L		104	75 - 125	1	20
Molybdenum	0.011		1.00	1.02		mg/L		101	75 - 125	0	20
Selenium	<0.0025		0.100	0.0975		mg/L		97	75 - 125	3	20
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125	3	20

Lab Sample ID: 500-272952-10 MSD
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Boron	0.43		1.00	1.48		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-272952-10 DU
Matrix: Water
Analysis Batch: 831326

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier		Result				Qualifier
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.012		0.0125		mg/L		3	20
Barium	0.064		0.0643		mg/L		0.9	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	100		105		mg/L		4	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	0.011		0.0118		mg/L		4	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-10 DU
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Duplicate 2
Prep Type: Total Recoverable
Prep Batch: 830309

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier		Result				Qualifier
Boron	0.43		0.433		mg/L		1	20

Lab Sample ID: MB 500-830494/1-A
Matrix: Water
Analysis Batch: 831327

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:32	1

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QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: MB 500-830494/1-A
Matrix: Water
Analysis Batch: 831327

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Barium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:32	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Boron	<0.050		0.050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Calcium	<0.20		0.20		mg/L		08/18/25 13:25	08/22/25 12:32	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:32	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:32	1

Lab Sample ID: MB 500-830494/1-A
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:05	1

Lab Sample ID: LCS 500-830494/2-A
Matrix: Water
Analysis Batch: 831327

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Antimony	0.500	0.503		mg/L		101	80 - 120
Arsenic	0.100	0.0987		mg/L		99	80 - 120
Barium	2.00	2.12		mg/L		106	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.979		mg/L		98	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	9.11		mg/L		91	80 - 120
Chromium	0.200	0.195		mg/L		97	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Lead	0.100	0.0989		mg/L		99	80 - 120
Molybdenum	1.00	0.990		mg/L		99	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Thallium	0.100	0.0978		mg/L		98	80 - 120

Lab Sample ID: LCS 500-830494/2-A
Matrix: Water
Analysis Batch: 831488

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Lithium	0.500	0.547		mg/L		109	80 - 120

QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-18 MS
Matrix: Water
Analysis Batch: 831327

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Antimony	<0.0030		0.500	0.524		mg/L		104	75 - 125	
Arsenic	0.012		0.100	0.115		mg/L		103	75 - 125	
Barium	0.46		2.00	2.59		mg/L		106	75 - 125	
Beryllium	<0.0010		0.0500	0.0497		mg/L		99	75 - 125	
Boron	0.38		1.00	1.36		mg/L		98	75 - 125	
Cadmium	<0.00050		0.0500	0.0495		mg/L		99	75 - 125	
Chromium	<0.0050		0.200	0.189		mg/L		95	75 - 125	
Cobalt	0.0035		0.500	0.488		mg/L		97	75 - 125	
Lead	<0.00050		0.100	0.0966		mg/L		96	75 - 125	
Molybdenum	0.0069		1.00	1.04		mg/L		103	75 - 125	
Selenium	<0.0025		0.100	0.102		mg/L		102	75 - 125	
Thallium	<0.0020		0.100	0.0968		mg/L		97	75 - 125	

Lab Sample ID: 500-272952-18 MS
Matrix: Water
Analysis Batch: 831488

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Calcium	290		10.0	293	4	mg/L		-9	75 - 125	
Lithium	<0.050		0.500	0.533		mg/L		107	75 - 125	

Lab Sample ID: 500-272952-18 MSD
Matrix: Water
Analysis Batch: 831327

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.0030		0.500	0.516		mg/L		103	75 - 125	2	20	
Arsenic	0.012		0.100	0.114		mg/L		102	75 - 125	1	20	
Barium	0.46		2.00	2.57		mg/L		105	75 - 125	1	20	
Beryllium	<0.0010		0.0500	0.0522		mg/L		104	75 - 125	5	20	
Boron	0.38		1.00	1.39		mg/L		101	75 - 125	2	20	
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125	0	20	
Chromium	<0.0050		0.200	0.191		mg/L		96	75 - 125	1	20	
Cobalt	0.0035		0.500	0.489		mg/L		97	75 - 125	0	20	
Lead	<0.00050		0.100	0.0968		mg/L		97	75 - 125	0	20	
Molybdenum	0.0069		1.00	1.04		mg/L		103	75 - 125	0	20	
Selenium	<0.0025		0.100	0.101		mg/L		101	75 - 125	1	20	
Thallium	<0.0020		0.100	0.0972		mg/L		97	75 - 125	0	20	

Lab Sample ID: 500-272952-18 MSD
Matrix: Water
Analysis Batch: 831488

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Calcium	290		10.0	294	4	mg/L		-4	75 - 125	0	20	
Lithium	<0.050		0.500	0.532		mg/L		106	75 - 125	0	20	

QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-18 DU
Matrix: Water
Analysis Batch: 831327

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.012		0.0112		mg/L		4	20
Barium	0.46		0.454		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.38		0.360		mg/L		6	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0035		0.00337		mg/L		2	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Molybdenum	0.0069		0.00607		mg/L		12	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-18 DU
Matrix: Water
Analysis Batch: 831488

Client Sample ID: MW-18A
Prep Type: Total Recoverable
Prep Batch: 830494

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Calcium	290		297		mg/L		1	20
Lithium	<0.050		<0.050		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-830983/12-A
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 830983

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 07:55	1

Lab Sample ID: LCS 500-830983/13-A
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 830983

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

Lab Sample ID: 500-272952-9 MS
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 830983

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Mercury	<0.00020		0.00100	0.00102		mg/L		102	75 - 125

Lab Sample ID: 500-272952-9 MSD
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 830983

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Mercury	<0.00020		0.00100	0.00100		mg/L		100	75 - 125	2	20

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QC Sample Results

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

Job ID: 500-272952-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-272952-9 DU
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 830983

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

Lab Sample ID: MB 500-830984/12-A
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 830984

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:49	1

Lab Sample ID: LCS 500-830984/13-A
Matrix: Water
Analysis Batch: 831179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 830984

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Mercury	0.00200	0.00210		mg/L		105	80 - 120

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

Lab Sample ID: MB 500-830060/1
Matrix: Water
Analysis Batch: 830060

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			08/14/25 06:38	1

Lab Sample ID: LCS 500-830060/2
Matrix: Water
Analysis Batch: 830060

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	250	292		mg/L		117	80 - 120

Lab Sample ID: MB 500-830609/1
Matrix: Water
Analysis Batch: 830609

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			08/19/25 09:14	1

Lab Sample ID: LCS 500-830609/2
Matrix: Water
Analysis Batch: 830609

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	250	288		mg/L		115	80 - 120

QC Sample Results

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

Job ID: 500-272952-1

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

Lab Sample ID: 500-272952-10 MS
Matrix: Water
Analysis Batch: 830609

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	820		250	1080		mg/L		107	75 - 125

Lab Sample ID: 500-272952-11 DU
Matrix: Water
Analysis Batch: 830609

Client Sample ID: Duplicate 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	520		554	F3	mg/L		6	5

Lab Sample ID: 500-272952-12 DU
Matrix: Water
Analysis Batch: 830609

Client Sample ID: MW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	760		762		mg/L		0.5	5

Lab Sample ID: MB 500-830623/1
Matrix: Water
Analysis Batch: 830623

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	18.0		10		mg/L			08/19/25 09:58	1

Lab Sample ID: LCS 500-830623/2
Matrix: Water
Analysis Batch: 830623

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	250	290		mg/L		116	80 - 120

Lab Sample ID: 500-272952-22 DU
Matrix: Water
Analysis Batch: 830623

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	530	B	538		mg/L		0.7	5

Lab Sample ID: 500-272952-23 DU
Matrix: Water
Analysis Batch: 830623

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	530	B	524		mg/L		0.8	5

QC Sample Results

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

Job ID: 500-272952-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-830368/64
Matrix: Water
Analysis Batch: 830368

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			08/17/25 11:36	1

Lab Sample ID: LCS 500-830368/65
Matrix: Water
Analysis Batch: 830368

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: MB 500-830669/16
Matrix: Water
Analysis Batch: 830669

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			08/19/25 10:02	1

Lab Sample ID: LCS 500-830669/17
Matrix: Water
Analysis Batch: 830669

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	19.6		mg/L		98	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829942/31
Matrix: Water
Analysis Batch: 829942

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			08/13/25 11:59	1

Lab Sample ID: LCS 500-829942/32
Matrix: Water
Analysis Batch: 829942

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	9.84		mg/L		98	90 - 119

Lab Sample ID: MB 500-830541/3
Matrix: Water
Analysis Batch: 830541

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			08/18/25 14:00	1

QC Sample Results

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

Job ID: 500-272952-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-830541/31
Matrix: Water
Analysis Batch: 830541

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			08/18/25 15:58	1

Lab Sample ID: LCS 500-830541/32
Matrix: Water
Analysis Batch: 830541

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	9.78		mg/L		98	90 - 119

Lab Sample ID: LCS 500-830541/4
Matrix: Water
Analysis Batch: 830541

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	9.51		mg/L		95	90 - 119

Lab Sample ID: 500-272952-3 MS
Matrix: Water
Analysis Batch: 830541

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
Fluoride	0.27	F1	5.00	6.74	F1	mg/L		129	75 - 125

Lab Sample ID: 500-272952-3 MSD
Matrix: Water
Analysis Batch: 830541

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.27	F1	5.00	7.01	F1	mg/L		135	75 - 125	4	20

Lab Sample ID: 500-272952-23 MS
Matrix: Water
Analysis Batch: 830541

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
Fluoride	0.24	F1	5.00	6.64	F1	mg/L		128	75 - 125

Lab Sample ID: 500-272952-23 MSD
Matrix: Water
Analysis Batch: 830541

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.24	F1	5.00	6.51		mg/L		125	75 - 125	2	20

QC Sample Results

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

Job ID: 500-272952-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-831378/16
Matrix: Water
Analysis Batch: 831378

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			08/25/25 09:19	1

Lab Sample ID: LCS 500-831378/17
Matrix: Water
Analysis Batch: 831378

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: 500-272952-18 MS
Matrix: Water
Analysis Batch: 831378

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<5.0	F1	20.0	47.3	F1	mg/L		237	75 - 125

Lab Sample ID: 500-272952-18 MSD
Matrix: Water
Analysis Batch: 831378

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<5.0	F1	20.0	47.9	F1	mg/L		240	75 - 125	1	20

Lab Sample ID: MB 500-831598/16
Matrix: Water
Analysis Batch: 831598

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			08/26/25 13:18	1

Lab Sample ID: LCS 500-831598/17
Matrix: Water
Analysis Batch: 831598

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	21.7		mg/L		109	88 - 123

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Chain of Custody Record

MKE 232



1 LABORATORY TESTING

Client Information		Sampler <i>Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-138954-53342 2			
Client Contact: Kaelyn Sperle		Phone <i>262-672-1143</i>		E Mail Diana.Mockler@et.eurofins.com		State of Origin <i>IL</i>		Page Page <i>2 of 8</i> 1 of 1			
Company KPRG and Associates, Inc.				PWSID:		Analysis Requested					
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-272952 COC		Job # <i>12313-1</i>		Preservation Codes D HNO3 N None <i>500-272952</i>			
City Brookfield		TAT Requested (days) <i>Standard</i>				Field Filtered Samples (Yes or No)		Total Number of Containers		Other	
State Zip WI, 53005		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No				903.0, 904.0					
Phone 262-781-0475(Tel)		PO # 4502190231				6020A, 7470A					
Email kaelyns@kprginc.com		WO #		2540C, 4500_F_C, SM4500_CL_E							
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		SM4500_SO4_LE - Sulfate							
Site <i>Powerton Station</i>		SSOW#									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)			
								Field Filtered Samples (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E SM4500_SO4_LE - Sulfate			
								Special Instructions/Note:			
								D D N N MW-12R- Water MW-14- Water MW-15- Water MW-16- Water MW-17- Water MW-18- Water MW-18A- Water MW-19- Water MW-21D <i>8/11/25 1416 G</i> Water N N X X X X MW-22 <i>8/11/25 1339 G</i> Water N N X X X X 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 <i>Jack Misner</i>		Date/Time <i>8/11/25 1400</i>		Company <i>KPRG</i>		Received by <i>FedEx</i>		Date/Time <i>8/11/25 1400</i>			
Relinquished by		Date/Time		Company		Received by <i>DBL</i>		Date/Time <i>08/12/25 0920</i>			
Relinquished by		Date/Time		Company		Received by		Date/Time			
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>2.1-7/19 480W</i>							



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Chain of Custody Record

IVINC 232

eurofins | Environment Testing

Client Information		Sampler: <u>Jack Mizel</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-138954-53342 3	
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>		E-Mail: <u>Diana.Mockler@et.eurofins.com</u>		State of Origin: <u>IL</u>		Page: <u>3 of 1</u> Page <u>302</u> / of <u>1</u>	
Company: <u>KPRG and Associates, Inc</u>				PWSID:		Analysis Requested			
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested:		Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MRM/MS (Yes or No) <input type="checkbox"/> 903.0, 904.0 <input type="checkbox"/> 6020A, 7470A <input type="checkbox"/> 2540C, 4500_F_C, SM4500_CL_E <input type="checkbox"/> SM4500_SO4_E - Sulfate <input type="checkbox"/>		Job #: <u>123131</u>		Preservation Codes: D - HNO3 N - None <u>500-272952</u>	
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>				Total Number of Containers:		Other:	
State, Zip: <u>WI, 53005</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No				PO #: <u>4502190231</u>		Project #: <u>50011612</u>	
Phone: <u>262-781-0475(Tel)</u>		WO #:				SSOW#:		Project Name: <u>Powerton CCR Event Desc: Quarterly Powerton CCR Sampling</u>	
Email: <u>kaelyns@kprginc.com</u>		Project Name: <u>Powerton CCR Event Desc: Quarterly Powerton CCR Sampling</u>		Site: <u>Powerton Station</u>		SSOW#:		Special Instructions/Note:	
Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air, DW=Drinking Water)		Sample Type (C=Comp, G=grab)		Sample Date		Sample Time		Preservation Code:	
Duplicate 2		G		8/13/25		-		N N X X X X	
Duplicate 3		-		-		-		-	
12 MW-05		-		1426		-		-	
13 MW-04		-		1309		-		-	
14 MW-03		-		1152		-		-	
15 MW-02		-		1058		-		-	
16 MW-11		-		1002		-		-	
17 MW-12R		G		8/13/25		0837		N N X X X X	
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: <u>Jack Mizel</u>		Date/Time: <u>8/13/2025 1630</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>8/13/2025 1630</u>	
Relinquished by:		Date/Time:		Company:		Received by: <u>Shu</u>		Date/Time: <u>8/14/25 09:30</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>3.1-2.9, 2.0-7.6, 3.0-2.8</u>					

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Chain of Custody Record

MKE 232

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Client Information		Sampler <i>Jack Misner</i>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500 138954 53342 3	
Client Contact: Kaelyn Sperle		Phone <i>262-622-1143</i>		E-Mail Diana.Mockler@et.eurofinsus.com		State of Origin <i>IL</i>		Page <i>1 of 1</i>	
Company KPRG and Associates, Inc.		PWSID		Analysis Requested				Job # <i>500-272952</i>	
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-272952 COC				Preservation Codes D HNO3 N None	
City Brookfield		TAT Requested (days) <i>Standard</i>							
State Zip WI, 53005		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No							
Phone 262-781-0475(Tel)		PO # 4502190231							
Email kaelyns@kprginc.com		WO #							
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project # 50011612		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Total Number of Containers		Other:	
Site <i>Powerton Station</i>		SSOW#		Field Filtered Sample (Yes or No)		Perform MEMS (Yes or No)		Special Instructions/Note:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Preservation Code	
								<input checked="" type="checkbox"/> X <input type="checkbox"/> D <input type="checkbox"/> D <input type="checkbox"/> N <input type="checkbox"/> N	
<i>18 Duplicate 2 MW-18A</i>		<i>8/14/25</i>		<i>1248</i>		<i>G</i>		<i>Water</i>	
<i>19 Duplicate 3 MW-18</i>		<i>↓</i>		<i>1207</i>		<i>↓</i>		<i>Water</i>	
<i>20 MW-16</i>		<i>↓</i>		<i>1101</i>		<i>↓</i>		<i>Water</i>	
<i>21 MW-08</i>		<i>↓</i>		<i>1007</i>		<i>↓</i>		<i>Water</i>	
<i>22 MW-09</i>		<i>↓</i>		<i>0856</i>		<i>↓</i>		<i>Water</i>	
<i>23 MW-19</i>		<i>8/14/25</i>		<i>0816</i>		<i>G</i>		<i>Water</i>	
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 <i>Misner</i>		Date/Time <i>8/14/2025 1515</i>		Company <i>KPRG</i>		Received by <i>FedEx</i>		Date/Time <i>8/14/2025 1515</i>	
Relinquished by		Date/Time		Company		Received by <i>Stephanie Hamann</i>		Date/Time <i>8/15/25 0910</i>	
Relinquished by		Date/Time		Company		Received by		Date/Time	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>-0.4 → -0.4, 2.4 → 2.2</i>					



ORIGIN ID:PIAA (262) 622-1143

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11AUG25
ACTWGT: 52.60 LB
CAD: 6994779/SSFE2621
DIMS: 24x13x13 IN

BILL THIRD PARTY

Part # 156297-435 RRDW2 EXP 05/26
2465/SSBR/47985



500-272952 Waybi

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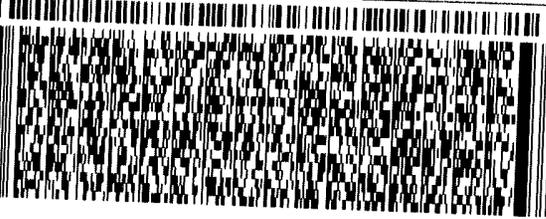
18410 CROSSING DR STE E

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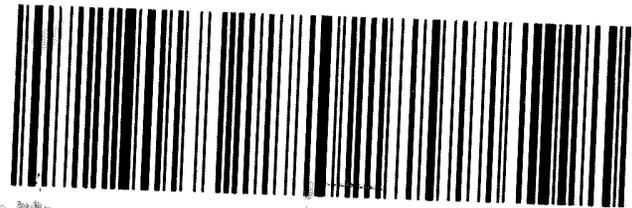
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ORIGIN ID:PIAA (000)
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

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500-272952 Waybi

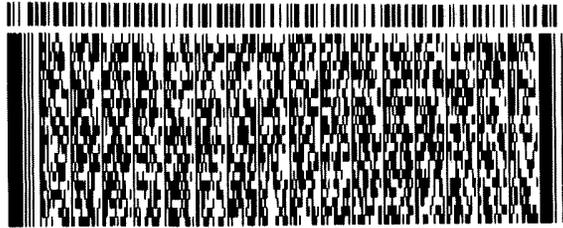
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Part # 156297-435 RRDV2 EXP 05/26

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PRIORITY OVERNIGHT
-3552FL



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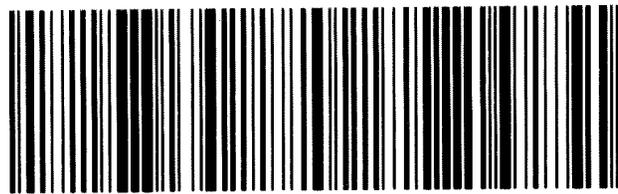
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Mstr# 3920 5359 9470

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XP JOTA

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IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

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3 of 4

MPS# 3920 5359 9491
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Mstr# 3920 5359 9470

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SHIP DATE: 12AUG25
ACTWT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part # 156297-435 RRDV2 EXP 05/26

415-40

ORIGIN ID:PIAA (000) 000-0000
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13AUG25
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part # 156297/2438/FRM/2 EXP 05/26

TO **SAMPLE RECEIVING
EUROFINS
18410 CROSSING DR STE E**

TINLEY PARK IL 60487

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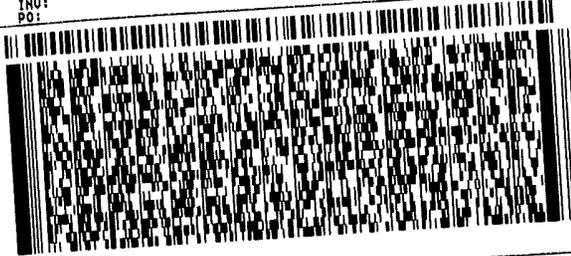
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500-272952 Waybi

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FedEx Express



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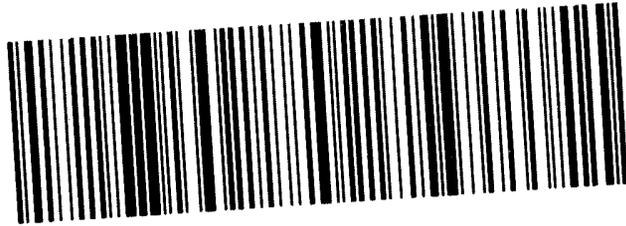
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XP JOTA

**THU - 14 AUG 10:30A
PRIORITY OVERNIGHT**

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ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13AUG25
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
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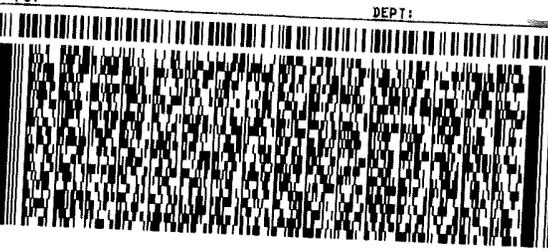
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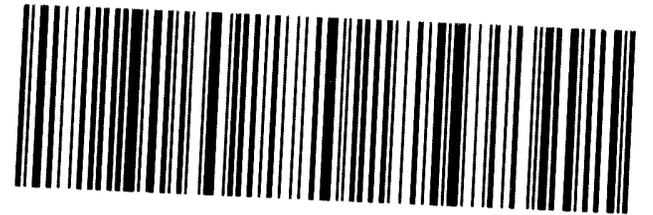
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1 of 5
TRK# 0201 3920 9534 7245
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PRIORITY OVERNIGHT**

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Part # 156297/2438/FRM/2 EXP 05/26

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ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13/08/2008
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part 158297-2436 TRB/DN2? Exp 05/26

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REF:

DEPT:



FedEx
Express



4814 THU 08/14 08 01
EUROFINS
18410 CROSSING DR
STE E
TINLEY PARK IL

303088

PRIORITY OVERNIGHT
415-4019

60487-9287-77

JG 10:30A
VERNIGHT

MPS#

3920 9534

Mstr# 3920 9534 7245

ETP: 3

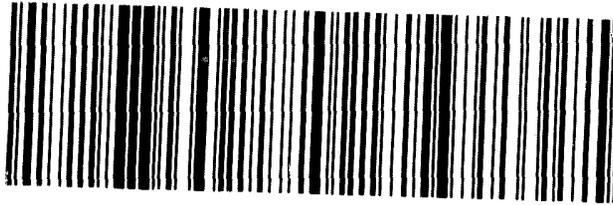
10028260/1960006048/0039209534/26/

SR:PD:100:Y

XP JOTA

60487

IL-US **ORD**



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 14AUG25
ACTWGT: 64.75 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part # 156297-435

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E



TINLEY PARK IL 60487

500-272952 Waybi

(000) 000-0000
INU:
PO:

REF:

DEPT:



FedEx
Express



AN 1082820520520520

3 of 3

MPS#
0263 3921 3439 8442

Mstr# 3921 3439 8420

0201

FRI - 15 AUG 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL US **ORD**

-0.4+0.6



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-210227.1
Client Contact: Shipping/Receiving		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		
Address: 13715 Rider Trail North,		Job #: 500-272952-2		
City: Earth City		Preservation Codes:		
State, Zip: MO, 63045		Analysis Requested:		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		Total Number of Containers		
Email: N/A		903.0/Precep_21 Standard Target List		
Project Name: Powerton CCR		904.0/Precep_28 GPPC		
Site: N/A		Field Filtered Sample (Yes or No)		
PO #: N/A		Perform MS/MSD (Yes or No)		
WO #: N/A		Special Instructions/Note:		
Project #: 50011612		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
SSOW #: N/A		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
Sample Identification - Client ID (Lab ID)		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
MW-21D (500-272952-1)	Sample Date: 8/11/25	Sample Time: 14:16 Central	Sample Type (C=Comp, G=grab): G	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=Air): Water
MW-22 (500-272952-2)	Sample Date: 8/11/25	Sample Time: 13:39 Central	Sample Type (C=Comp, G=grab): G	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=Air): Water
<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/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>				
Possible Hazard Identification				
Unconfirmed				
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2				
Empty Kit Relinquished by: _____ Date: _____ Time: _____				
Relinquished by: <i>Ali Scott</i> Date: <i>8/12/25</i> Time: <i>1340</i> Company: _____				
Relinquished by: _____ Date: _____ Time: _____ Company: _____				
Relinquished by: _____ Date: _____ Time: _____ Company: _____				
Custody Seals Intact: Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____				
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Special Instructions/QC Requirements:				
Method of Shipment: _____				
Received by: <i>Chyenne Forrest</i> Date/Time: <i>0830</i> AUG 13 2025 Company: _____				
Received by: <i>Chyenne Forrest</i> Date/Time: _____ Company: _____				
Received by: _____ Date/Time: _____ Company: _____				



Chain of Custody Record



Client Information (Sub Contract Lab)		Carrier Tracking No(s):	Lab PM:	COC No:
Address: 13715 Rider Trail North, Earth City, MO, 63045		N/A	Mockler, Diana J	500-210297-1
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		State of Origin:	E-Mail:	Page:
Email: N/A		Illinois	Diana.Mockler@et.eurofins.com	Page 1 of 1
Project Name: Poweron CCR		Accreditations Required (See note):	Job #:	
Site: N/A		NELAP - Illinois	500-272952-1	
Due Date Requested: 9/3/2025		Preservation Codes:		
TAT Requested (days): N/A				
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Sewall, Sewall, On-site, A=Air)	Special Instructions/Note:
8/12/25	14:39 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	10:39 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	12:23 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	09:44 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	08:44 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	13:36 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
8/12/25	Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate (500-272952-9)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> 903.00/PreSep_21Standard Target List <input checked="" type="checkbox"/> 904.00/PreSep_05Standard Target List <input checked="" type="checkbox"/> Ra228Ra228_GFPc				Total Number of Containers
Other: N/A				

Analysis Requested

Possible Hazard Identification

Unconfirmed Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements: Primary Deliverable Rank: 2

Method of Shipment: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____

Relinquished by: *Alie Smith* Date/Time: 8/13/25 15:30 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Δ No Δ No

Custody Seal No.: _____

Received by: *Chyenne Forrest* Date/Time: 08:30 AUG 14 2025 Company: _____

Received by: *Chyenne Forrest* Date/Time: _____ Company: _____

Received by: _____ Date/Time: _____ Company: _____

Cooler Temperature(s) °C and Other Remarks: _____



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-1

Login Number: 272952

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9,4.3,1.3,2.9,1.8,2.8,-0.6,2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:16
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:07
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 07:59
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:01
Total/NA	Analysis	SM 4500 CI- E		5	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 13:37
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:34

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:37
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:23
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:00
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:03
Total/NA	Analysis	SM 4500 CI- E		1	830368	TR	EET CHI	08/17/25 11:39
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 13:39
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:34

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:41
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:26
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:02
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:06
Total/NA	Analysis	SM 4500 CI- E		2	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:08
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:55

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:45
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:28
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:04
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:09
Total/NA	Analysis	SM 4500 Cl- E		2	830368	TR	EET CHI	08/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:17
Total/NA	Analysis	SM 4500 SO4 E		100	831378	TR	EET CHI	08/25/25 10:45

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:49
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:30
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:06
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:11
Total/NA	Analysis	SM 4500 Cl- E		10	830368	TR	EET CHI	08/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:20
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:56

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:53
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:32
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:08
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:14
Total/NA	Analysis	SM 4500 Cl- E		5	830368	TR	EET CHI	08/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:24
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:56

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:06
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:35
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:10
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:16
Total/NA	Analysis	SM 4500 CI- E		5	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:28
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:56

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:11
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:37
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:15
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:19
Total/NA	Analysis	SM 4500 CI- E		2	830368	TR	EET CHI	08/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:32
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:57

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:15
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:39
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:17
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:21
Total/NA	Analysis	SM 4500 CI- E		2	830669	TR	EET CHI	08/19/25 10:21
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:46
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:58

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:15
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:07
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:25
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:21
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:52
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:58

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:26
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:22
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:27
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:55
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:22

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:29
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:19
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:28
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:01
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:59

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Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:31
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:31
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:30
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:07
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:59

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:33
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:24
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:32
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:10
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:22

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:35
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:34
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:38
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:14
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:59

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:42
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:36
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:40
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:18
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 10:00

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:45
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:39
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:42
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:24
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:22
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:00

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:37
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		5	831488	RN	EET CHI	08/25/25 15:10
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:44
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:24
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:25
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:24

Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:50
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:22
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:45
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:25
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:38
Total/NA	Analysis	SM 4500 SO4 E		5	831598	TR	EET CHI	08/26/25 14:16

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:52
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:30
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:47
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:42
Total/NA	Analysis	SM 4500 SO4 E		1	831598	TR	EET CHI	08/26/25 13:21

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:55
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:32
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:53
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:25
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:45
Total/NA	Analysis	SM 4500 SO4 E		5	831598	TR	EET CHI	08/26/25 13:53

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Lab Chronicle

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

Job ID: 500-272952-1

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 13:02
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:35
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:55
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:51
Total/NA	Analysis	SM 4500 SO4 E		2	831598	TR	EET CHI	08/26/25 13:52

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 13:05
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:37
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 09:00
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:05
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 16:07
Total/NA	Analysis	SM 4500 SO4 E		2	831598	TR	EET CHI	08/26/25 13:52

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: 500-272952-1

Laboratory: Eurofins Chicago

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

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

1

2

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10

11

12

13

ANALYTICAL REPORT

PREPARED FOR

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

Generated 09/16/25 14:33:54

JOB DESCRIPTION

Powerton CCR Desc. Qrtly Powerton CCR Samp. (RAD)

JOB NUMBER

500-272952-2

Eurofins Chicago

Job Notes

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

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

Authorization



Generated
09/16/25 14:33:54

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Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	30
QC Association	31
QC Sample Results	33
Chain of Custody	38
Receipt Checklists	51
Chronicle	56
Certification Summary	62
Tracer Carrier Summary	63

Case Narrative

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

Job ID: 500-272952-2

Job ID: 500-272952-2

Eurofins Chicago

Job Narrative 500-272952-2

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

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

Receipt

The samples were received on 8/12/2025 9:20 AM, 8/13/2025 9:10 AM, 8/14/2025 9:30 AM and 8/15/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6°C, 1.3°C, 1.8°C, 1.9°C, 2.2°C, 2.8°C, 2.9°C and 4.3°C.

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 732653:

The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. MW-18 (500-272952-19) and (MB 160-732653/1-A)

Method 904.0: Radium 228 Batch 732653:

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-18A (500-272952-18)

Method 904.0: Radium-228 batch 732649

The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-732649/2-A)

Method 904.0: Radium 228 Batch 732128:

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 (500-272952-7) and MW-10 (500-272952-8)

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.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

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 Desc. Qrtly Powerton CCR Samp.
(RAD)

Job ID: 500-272952-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272952-1	MW-21D	Water	08/11/25 14:16	08/12/25 09:20	Illinois
500-272952-2	MW-22	Water	08/11/25 13:39	08/12/25 09:20	Illinois
500-272952-3	MW-01	Water	08/12/25 14:39	08/13/25 09:10	Illinois
500-272952-4	MW-14	Water	08/12/25 10:39	08/13/25 09:10	Illinois
500-272952-5	MW-15	Water	08/12/25 12:23	08/13/25 09:10	Illinois
500-272952-6	MW-06	Water	08/12/25 09:44	08/13/25 09:10	Illinois
500-272952-7	MW-07	Water	08/12/25 08:44	08/13/25 09:10	Illinois
500-272952-8	MW-10	Water	08/12/25 13:36	08/13/25 09:10	Illinois
500-272952-9	Duplicate	Water	08/12/25 00:00	08/13/25 09:10	Illinois
500-272952-10	Duplicate 2	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-11	Duplicate 3	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-12	MW-05	Water	08/13/25 14:26	08/14/25 09:30	Illinois
500-272952-13	MW-04	Water	08/13/25 13:09	08/14/25 09:30	Illinois
500-272952-14	MW-03	Water	08/13/25 11:52	08/14/25 09:30	Illinois
500-272952-15	MW-02	Water	08/13/25 10:58	08/14/25 09:30	Illinois
500-272952-16	MW-11	Water	08/13/25 10:02	08/14/25 09:30	Illinois
500-272952-17	MW-12R	Water	08/13/25 08:37	08/14/25 09:30	Illinois
500-272952-18	MW-18A	Water	08/14/25 12:48	08/15/25 09:10	Illinois
500-272952-19	MW-18	Water	08/14/25 12:07	08/15/25 09:10	Illinois
500-272952-20	MW-16	Water	08/14/25 11:01	08/15/25 09:10	Illinois
500-272952-21	MW-08	Water	08/14/25 10:07	08/15/25 09:10	Illinois
500-272952-22	MW-09	Water	08/14/25 08:56	08/15/25 09:10	Illinois
500-272952-23	MW-19	Water	08/14/25 08:16	08/15/25 09:10	Illinois

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 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	0.143		0.0848	0.0857	1.00	0.111	pCi/L	08/15/25 08:21	09/08/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/15/25 08:21	09/08/25 07:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.628		0.382	0.386	1.00	0.554	pCi/L	08/15/25 08:35	08/28/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/15/25 08:35	08/28/25 11:57	1
Y Carrier	82.6		30 - 110					08/15/25 08:35	08/28/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.771		0.391	0.395	5.00	0.554	pCi/L		09/09/25 14:46	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 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	0.143		0.0990	0.0998	1.00	0.142	pCi/L	08/15/25 08:21	09/08/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/15/25 08:21	09/08/25 07:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.684		0.392	0.397	1.00	0.565	pCi/L	08/15/25 08:35	08/28/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/15/25 08:35	08/28/25 11:58	1
Y Carrier	84.5		30 - 110					08/15/25 08:35	08/28/25 11:58	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	0.827		0.404	0.409	5.00	0.565	pCi/L		09/09/25 14:46	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0441	U	0.191	0.191	1.00	0.369	pCi/L	08/15/25 08:37	09/14/25 13:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/15/25 08:37	09/14/25 13:19	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	0.381	0.382	1.00	0.613	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	87.9		30 - 110					08/15/25 08:41	09/14/25 14:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.416	U	0.426	0.427	5.00	0.613	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-226	0.110	U	0.192	0.192	1.00	0.339	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/15/25 08:37	09/14/25 13:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Radium-228	0.257	U	0.392	0.393	1.00	0.667	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	81.1		30 - 110					08/15/25 08:41	09/14/25 14:37	1

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

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(2σ+/-)	(2σ+/-)						
Combined Radium 226 + 228	0.368	U	0.436	0.437	5.00	0.667	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.109	U	0.216	0.217	1.00	0.390	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					08/15/25 08:37	09/14/25 13:22	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	-0.0599	U	0.419	0.419	1.00	0.811	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	79.6		30 - 110					08/15/25 08:41	09/14/25 14:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0490	U	0.471	0.472	5.00	0.811	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.476		0.297	0.300	1.00	0.401	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					08/15/25 08:37	09/14/25 13:22	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	0.874		0.413	0.421	1.00	0.557	pCi/L	08/15/25 08:41	09/14/25 11:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					08/15/25 08:41	09/14/25 11:34	1
Y Carrier	79.3		30 - 110					08/15/25 08:41	09/14/25 11:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.35		0.509	0.517	5.00	0.557	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.646	U	0.489	0.493	1.00	0.672	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110					08/15/25 08:37	09/14/25 13:22	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	-0.369	U G	0.794	0.795	1.00	1.62	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	81.9		30 - 110					08/15/25 08:41	09/14/25 14:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.277	U	0.933	0.935	5.00	1.62	pCi/L		09/15/25 13:05	1

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.422	U	0.377	0.379	1.00	0.578	pCi/L	08/15/25 08:37	09/14/25 13:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					08/15/25 08:37	09/14/25 13:32	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.49	G	0.904	0.932	1.00	1.09	pCi/L	08/15/25 08:41	09/14/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					08/15/25 08:41	09/14/25 14:44	1
Y Carrier	78.1		30 - 110					08/15/25 08:41	09/14/25 14:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.91		0.979	1.01	5.00	1.09	pCi/L		09/15/25 13:05	1

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.422		0.264	0.267	1.00	0.349	pCi/L	08/15/25 08:37	09/14/25 13:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/15/25 08:37	09/14/25 13:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.965		0.394	0.404	1.00	0.494	pCi/L	08/15/25 08:41	09/14/25 11:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/15/25 08:41	09/14/25 11:36	1
Y Carrier	78.5		30 - 110					08/15/25 08:41	09/14/25 11:36	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	1.39		0.474	0.484	5.00	0.494	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

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	0.305		0.191	0.193	1.00	0.252	pCi/L	08/18/25 08:17	09/15/25 09:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:17	09/15/25 09:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.613		0.398	0.402	1.00	0.593	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	76.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.918		0.441	0.446	5.00	0.593	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

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	0.184	U	0.149	0.150	1.00	0.210	pCi/L	08/18/25 08:17	09/15/25 09:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/18/25 08:17	09/15/25 09:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.980		0.424	0.434	1.00	0.578	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	83.4		30 - 110					08/18/25 08:20	09/14/25 11:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.16		0.449	0.459	5.00	0.578	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

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	0.152	U	0.173	0.174	1.00	0.281	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					08/18/25 08:17	09/15/25 09:54	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	0.0249	U	0.447	0.447	1.00	0.824	pCi/L	08/18/25 08:20	09/14/25 14:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					08/18/25 08:20	09/14/25 14:48	1
Y Carrier	82.6		30 - 110					08/18/25 08:20	09/14/25 14:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.177	U	0.479	0.480	5.00	0.824	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

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	0.218	U	0.176	0.177	1.00	0.256	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/18/25 08:17	09/15/25 09:54	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	0.820		0.362	0.370	1.00	0.479	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	90.5		30 - 110					08/18/25 08:20	09/14/25 11:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.04		0.403	0.410	5.00	0.479	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

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	0.193	U	0.177	0.178	1.00	0.272	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/18/25 08:17	09/15/25 09:54	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	0.737		0.390	0.396	1.00	0.546	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	79.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.930		0.428	0.434	5.00	0.546	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

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	0.207	0.209	1.00	0.305	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.551	0.552	1.00	0.948	pCi/L	08/18/25 08:20	09/14/25 14:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/18/25 08:20	09/14/25 14:50	1
Y Carrier	76.6		30 - 110					08/18/25 08:20	09/14/25 14:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.576	U	0.589	0.590	5.00	0.948	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

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	0.187	U	0.172	0.172	1.00	0.262	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.391	U	0.494	0.495	1.00	0.820	pCi/L	08/18/25 08:20	09/14/25 14:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:20	09/14/25 14:50	1
Y Carrier	86.7		30 - 110					08/18/25 08:20	09/14/25 14:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.578	U	0.523	0.524	5.00	0.820	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

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	0.192	U	0.166	0.166	1.00	0.246	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.539	U	0.365	0.368	1.00	0.545	pCi/L	08/18/25 08:20	09/14/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/18/25 08:20	09/14/25 11:49	1
Y Carrier	80.7		30 - 110					08/18/25 08:20	09/14/25 11:49	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.731		0.401	0.404	5.00	0.545	pCi/L		09/15/25 13:05	1

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.28		0.525	0.537	1.00	0.600	pCi/L	08/19/25 08:29	09/11/25 18:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.2		30 - 110					08/19/25 08:29	09/11/25 18:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.858	U G	0.761	0.765	1.00	1.19	pCi/L	08/19/25 08:46	09/11/25 15:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.2		30 - 110					08/19/25 08:46	09/11/25 15:53	1
Y Carrier	89.7		30 - 110					08/19/25 08:46	09/11/25 15:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.13		0.925	0.935	5.00	1.19	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.262	U	0.270	0.271	1.00	0.429	pCi/L	08/19/25 08:29	09/11/25 18:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					08/19/25 08:29	09/11/25 18:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00788	U G	0.542	0.542	1.00	1.01	pCi/L	08/19/25 08:46	09/11/25 15:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					08/19/25 08:46	09/11/25 15:54	1
Y Carrier	94.2		30 - 110					08/19/25 08:46	09/11/25 15:54	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	0.270	U	0.606	0.606	5.00	1.01	pCi/L		09/15/25 13:05	1

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0850	U	0.198	0.198	1.00	0.357	pCi/L	08/19/25 08:14	09/12/25 18:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/19/25 08:14	09/12/25 18:49	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.950		0.441	0.450	1.00	0.602	pCi/L	08/19/25 08:27	09/12/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/19/25 08:27	09/12/25 11:53	1
Y Carrier	81.9		30 - 110					08/19/25 08:27	09/12/25 11:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.04		0.483	0.492	5.00	0.602	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.202	0.203	1.00	0.294	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.686		0.453	0.457	1.00	0.680	pCi/L	08/19/25 08:27	09/12/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/19/25 08:27	09/12/25 11:52	1
Y Carrier	78.9		30 - 110					08/19/25 08:27	09/12/25 11:52	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.934		0.496	0.500	5.00	0.680	pCi/L		09/16/25 09:11	1

Client Sample Results

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

Job ID: 500-272952-2

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0793	U	0.139	0.139	1.00	0.248	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.07		0.471	0.481	1.00	0.645	pCi/L	08/19/25 08:27	09/12/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					08/19/25 08:27	09/12/25 11:54	1
Y Carrier	80.4		30 - 110					08/19/25 08:27	09/12/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.15		0.491	0.501	5.00	0.645	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.214	U	0.218	0.219	1.00	0.346	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.19		0.559	0.594	1.00	0.549	pCi/L	08/19/25 08:27	09/12/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					08/19/25 08:27	09/12/25 11:54	1
Y Carrier	75.9		30 - 110					08/19/25 08:27	09/12/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.41		0.600	0.633	5.00	0.549	pCi/L		09/16/25 09:11	1

Definitions/Glossary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

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.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Rad

Prep Batch: 732119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	PrecSep-21	
500-272952-2	MW-22	Total/NA	Water	PrecSep-21	
MB 160-732119/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732119/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	PrecSep_0	
500-272952-2	MW-22	Total/NA	Water	PrecSep_0	
MB 160-732125/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732125/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	PrecSep-21	
500-272952-4	MW-14	Total/NA	Water	PrecSep-21	
500-272952-5	MW-15	Total/NA	Water	PrecSep-21	
500-272952-6	MW-06	Total/NA	Water	PrecSep-21	
500-272952-7	MW-07	Total/NA	Water	PrecSep-21	
500-272952-8	MW-10	Total/NA	Water	PrecSep-21	
500-272952-9	Duplicate	Total/NA	Water	PrecSep-21	
MB 160-732127/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732127/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	PrecSep_0	
500-272952-4	MW-14	Total/NA	Water	PrecSep_0	
500-272952-5	MW-15	Total/NA	Water	PrecSep_0	
500-272952-6	MW-06	Total/NA	Water	PrecSep_0	
500-272952-7	MW-07	Total/NA	Water	PrecSep_0	
500-272952-8	MW-10	Total/NA	Water	PrecSep_0	
500-272952-9	Duplicate	Total/NA	Water	PrecSep_0	
MB 160-732128/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732128/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	PrecSep-21	
500-272952-11	Duplicate 3	Total/NA	Water	PrecSep-21	
500-272952-12	MW-05	Total/NA	Water	PrecSep-21	
500-272952-13	MW-04	Total/NA	Water	PrecSep-21	
500-272952-14	MW-03	Total/NA	Water	PrecSep-21	
500-272952-15	MW-02	Total/NA	Water	PrecSep-21	
500-272952-16	MW-11	Total/NA	Water	PrecSep-21	
500-272952-17	MW-12R	Total/NA	Water	PrecSep-21	
MB 160-732417/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732417/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Rad

Prep Batch: 732418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	PrecSep_0	
500-272952-11	Duplicate 3	Total/NA	Water	PrecSep_0	
500-272952-12	MW-05	Total/NA	Water	PrecSep_0	
500-272952-13	MW-04	Total/NA	Water	PrecSep_0	
500-272952-14	MW-03	Total/NA	Water	PrecSep_0	
500-272952-15	MW-02	Total/NA	Water	PrecSep_0	
500-272952-16	MW-11	Total/NA	Water	PrecSep_0	
500-272952-17	MW-12R	Total/NA	Water	PrecSep_0	
MB 160-732418/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732418/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	PrecSep-21	
500-272952-21	MW-08	Total/NA	Water	PrecSep-21	
500-272952-22	MW-09	Total/NA	Water	PrecSep-21	
500-272952-23	MW-19	Total/NA	Water	PrecSep-21	
MB 160-732648/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732648/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	PrecSep_0	
500-272952-21	MW-08	Total/NA	Water	PrecSep_0	
500-272952-22	MW-09	Total/NA	Water	PrecSep_0	
500-272952-23	MW-19	Total/NA	Water	PrecSep_0	
MB 160-732649/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732649/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	PrecSep-21	
500-272952-19	MW-18	Total/NA	Water	PrecSep-21	
MB 160-732650/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732650/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	PrecSep_0	
500-272952-19	MW-18	Total/NA	Water	PrecSep_0	
MB 160-732653/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732653/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732119/1-A

Matrix: Water

Analysis Batch: 735046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732119

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.008302	U	0.0478	0.0478	1.00	0.105	pCi/L	08/15/25 08:21	09/08/25 07:55	1
Carrier	%Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/15/25 08:21	09/08/25 07:55	1

Lab Sample ID: LCS 160-732119/2-A

Matrix: Water

Analysis Batch: 735046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732119

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	9.081		0.975	1.00	0.141	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	87.8		30 - 110						

Lab Sample ID: MB 160-732127/1-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732127

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.3250	U	0.251	0.253	1.00	0.360	pCi/L	08/15/25 08:37	09/14/25 13:16	1
Carrier	%Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.4		30 - 110					08/15/25 08:37	09/14/25 13:16	1

Lab Sample ID: LCS 160-732127/2-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732127

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.57	9.534		1.33	1.00	0.483	pCi/L	100	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	82.4		30 - 110						

Lab Sample ID: MB 160-732417/1-A

Matrix: Water

Analysis Batch: 736056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732417

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.2800		0.185	0.187	1.00	0.251	pCi/L	08/18/25 08:17	09/15/25 07:59	1

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QC Sample Results

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

Job ID: 500-272952-2

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

Lab Sample ID: MB 160-732417/1-A
Matrix: Water
Analysis Batch: 736056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732417

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	88.3		30 - 110

Prepared	Analyzed	Dil Fac
08/18/25 08:17	09/15/25 07:59	1

Lab Sample ID: LCS 160-732417/2-A
Matrix: Water
Analysis Batch: 736056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732417

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.166		1.17	1.00	0.334	pCi/L	96	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.0		30 - 110

Lab Sample ID: MB 160-732648/1-A
Matrix: Water
Analysis Batch: 735768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732648

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07777	U	0.163	0.163	1.00	0.296	pCi/L	08/19/25 08:14	09/12/25 18:49	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	94.4		30 - 110

Prepared	Analyzed	Dil Fac
08/19/25 08:14	09/12/25 18:49	1

Lab Sample ID: LCS 160-732648/2-A
Matrix: Water
Analysis Batch: 735768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732648

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.343		1.15	1.00	0.400	pCi/L	87	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.4		30 - 110

Lab Sample ID: MB 160-732650/1-A
Matrix: Water
Analysis Batch: 735578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732650

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1628	U	0.178	0.179	1.00	0.284	pCi/L	08/19/25 08:29	09/11/25 18:48	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	91.0		30 - 110

Prepared	Analyzed	Dil Fac
08/19/25 08:29	09/11/25 18:48	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

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

Lab Sample ID: LCS 160-732650/2-A

Matrix: Water

Analysis Batch: 735578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732650

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
									75 - 125		
Radium-226	9.57	9.211		1.24	1.00	0.308	pCi/L	96	75 - 125		
		LCS	LCS								
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	86.6		30 - 110								

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732125/1-A

Matrix: Water

Analysis Batch: 734027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
											Radium-228
		MB	MB								
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac					
Ba Carrier	86.6		30 - 110	08/15/25 08:35	08/28/25 11:57	1					
Y Carrier	84.1		30 - 110	08/15/25 08:35	08/28/25 11:57	1					

Lab Sample ID: LCS 160-732125/2-A

Matrix: Water

Analysis Batch: 734027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732125

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
									75 - 125		
Radium-228	9.12	10.50		1.38	1.00	0.467	pCi/L	115	75 - 125		
		LCS	LCS								
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	87.8		30 - 110								
Y Carrier	88.2		30 - 110								

Lab Sample ID: MB 160-732128/1-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732128

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
											Radium-228
		MB	MB								
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac					
Ba Carrier	82.4		30 - 110	08/15/25 08:41	09/14/25 14:35	1					
Y Carrier	83.7		30 - 110	08/15/25 08:41	09/14/25 14:35	1					

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

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

Lab Sample ID: LCS 160-732128/2-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732128

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	9.07	11.32		1.48	1.00	0.557	pCi/L	125	75 - 125	
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.4		30 - 110							
Y Carrier	83.7		30 - 110							

Lab Sample ID: MB 160-732418/1-A

Matrix: Water

Analysis Batch: 735906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732418

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
MB MB										
Carrier	%Yield	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	88.3		30 - 110		08/18/25 08:20	09/14/25 14:49	1			
Y Carrier	80.4		30 - 110		08/18/25 08:20	09/14/25 14:49	1			

Lab Sample ID: LCS 160-732418/2-A

Matrix: Water

Analysis Batch: 735905

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732418

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	9.07	9.622		1.32	1.00	0.583	pCi/L	106	75 - 125	
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	89.0		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: MB 160-732649/1-A

Matrix: Water

Analysis Batch: 735781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732649

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
MB MB										
Carrier	%Yield	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	94.4		30 - 110		08/19/25 08:27	09/12/25 11:53	1			
Y Carrier	84.5		30 - 110		08/19/25 08:27	09/12/25 11:53	1			

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QC Sample Results

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

Job ID: 500-272952-2

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

Lab Sample ID: LCS 160-732649/2-A
Matrix: Water
Analysis Batch: 735781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732649

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	9.08	11.42		1.50	1.00	0.591	pCi/L	126	75 - 125	
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	93.4		30 - 110							
Y Carrier	82.6		30 - 110							

Lab Sample ID: MB 160-732653/1-A
Matrix: Water
Analysis Batch: 735577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732653

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
MB MB										
Carrier	%Yield	Qualifier	Limits		Prepared		Analyzed		Dil Fac	
Ba Carrier	91.0		30 - 110		08/19/25 08:46		09/11/25 15:57		1	
Y Carrier	77.8		30 - 110		08/19/25 08:46		09/11/25 15:57		1	

Lab Sample ID: LCS 160-732653/2-A
Matrix: Water
Analysis Batch: 735577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732653

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	9.08	9.816		1.35	1.00	0.592	pCi/L	108	75 - 125	
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	86.6		30 - 110							
Y Carrier	81.5		30 - 110							

Eurofins Chicago

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

Chain of Custody Record

MKE 232



1 LABORATORY TESTING

Client Information		Sampler <i>Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-138954-53342 2					
Client Contact: Kaelyn Sperle		Phone <i>262-672-1143</i>		E Mail Diana.Mockler@et.eurofins.com		State of Origin <i>IL</i>		Page Page <i>2 of 8</i> 1 of 1					
Company KPRG and Associates, Inc.		PWSID:		Analysis Requested				Job # <i>12313-1</i>					
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-272952 COC				Preservation Codes D HNO3 N None <i>500-272952</i>					
City Brookfield		TAT Requested (days) <i>Standard</i>											
State Zip WI, 53005		Compliance Project Δ Yes Δ No											
Phone 262-781-0475(Tel)		PO # 4502190231											
Email kaelyns@kprginc.com		WO #											
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		Field Filtered Samples (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E SM4500_SO4_LE - Sulfate				Other:					
Site <i>Powerton Station</i>		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Samples (Yes or No)		Total Number of Containers					
						D D N N		Special Instructions/Note:					
MW-12R					Water								
MW-14					Water								
MW-15					Water								
MW-16					Water								
MW-17					Water								
MW-18					Water								
MW-18A					Water								
MW-19					Water								
1 MW-21D		<i>8/11/25</i>	<i>1416</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		
2 MW-22		<i>8/11/25</i>	<i>1339</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		
Duplicate 1					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 <i>Jack Misner</i>		Date/Time <i>8/11/25 1400</i>		Company <i>KPRG</i>		Received by <i>FedEx</i>		Date/Time <i>8/11/25 1400</i>		Company <i>FedEx</i>			
Relinquished by		Date/Time		Company		Received by <i>DBL</i>		Date/Time <i>08/12/25 0920</i>		Company <i>ECTA</i>			
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Custody Seals Intact Δ Yes Δ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>2.1-7/19 480W</i>									



Eurofins Chicago

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

Chain of Custody Record

IVINC 232

eurofins | Environment Testing

Client Information		Sampler: <i>Jack Mizel</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-138954-53342 3	
Client Contact: Kaelyn Sperle		Phone: <i>262-622-1143</i>		E-Mail: Diana.Mockler@et.eurofins.com		State of Origin: <i>IL</i>		Page: <i>3 of 1</i> Page <i>3 of 1</i>	
Company: KPRG and Associates, Inc				PWSID:		Analysis Requested			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:		Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MRM/MS (Yes or No) <input type="checkbox"/> 903.0, 904.0 <input type="checkbox"/> 6020A, 7470A <input type="checkbox"/> 2540C, 4500_F_C, SM4500_CL_E <input type="checkbox"/> SM4500_SO4_E - Sulfate <input type="checkbox"/>		Job #: <i>123131</i>		Preservation Codes: D - HNO3 N - None <i>500-272952</i>	
City: Brookfield		TAT Requested (days): <i>Standard</i>				Total Number of Containers:		Other:	
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No				PO #: 4502190231		Project #: 50011612	
Phone: 262-781-0475(Tel)		WO #:				SSOW#:		Site: <i>Powerton Station</i>	
Email: kaelyns@kprginc.com		Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		SSOW#:		Special Instructions/Note:			
Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Sample Type (C=Comp, G=grab)		Sample Date		Sample Time		Preservation Code:	
Duplicate 2		G		8/13/25		-		N N X X X X	
Duplicate 3		-		-		-			
MW-05		-		1426		-			
MW-04		-		1309		-			
MW-03		-		1152		-			
MW-02		-		1058		-			
MW-11		-		1002		-			
MW-12R		G		8/13/25		0837		N N X X X X	
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: <i>Jack Mizel</i>		Date/Time: <i>8/13/2025 1630</i>		Company: <i>KPRG</i>		Received by: <i>FedEx</i>		Date/Time: <i>8/13/2025 1630</i>	
Relinquished by:		Date/Time:		Company:		Received by: <i>Shu</i>		Date/Time: <i>8/14/25 09:30</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>3.1-2.9, 2.0-1.6, 3.0-2.8</i>					

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ORIGIN ID:PIAA (262) 622-1143

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11AUG25
ACTWGT: 52.60 LB
CAD: 6994779/SSFE2621
DIMS: 24x13x13 IN

BILL THIRD PARTY

Part # 156297-435 RRDWV2 EXP 05/26
2465/SSBR/47985

0 EUROFINS

18410 CROSSING DR STE E



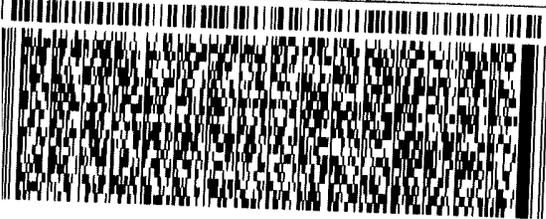
500-272952 Waybi

TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:



FedEx
Express



AN10E2309252US27

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201

TUE - 12 AUG 10:30A
PRIORITY OVERNIGHT

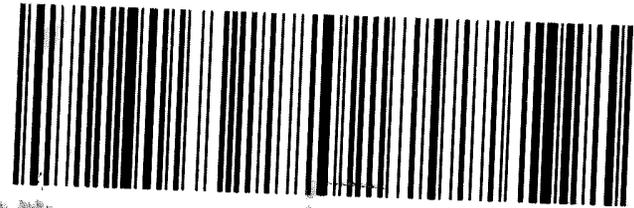
KP JOTA

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IL-US ORD



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ORIGIN ID:PIAA (000)
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

TO **SAMPLE REC
EUROFINS
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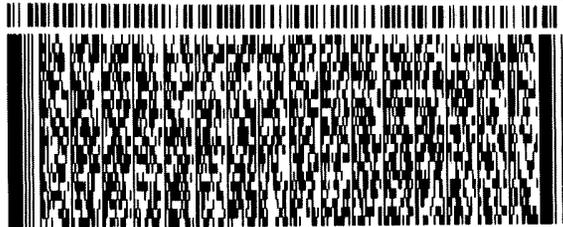
TINLEY PARK IL 60487

(000) 000-0000
INV:
PO:

REF:

DEPT:

500-272952 Waybi



FedEx
Express



AN10E290520852Z

4 of 4

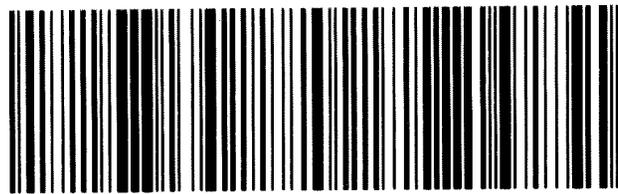
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0263

Mstr# 3920 5359 9470

0201

XP JOTA

60487
IL-US ORD



SR-PIA:100-Y
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PRIORITY OVERNIGHT
60187 928777

E: 12AUG25
60.00 LB
44779/SSFE2621
24x18x12 IN

RD PARTY



Part # 156297-435
2455/SSFE/435
RRD/2 EXP 09/26

ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 12AUG25
ACTWT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

TO **SAMPLE RECEIVING
EUROFINS
18410 CROSSING DR STE E**

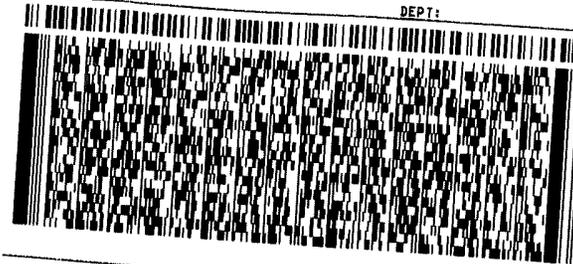
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TINLEY PARK IL 60487

(000) 000-0000
INV:
PO:

REF:

DEPT:



FedEx
Express



AN10E290520852Z

3 of 4

MPS# 3920 5359 9491
0263

Mstr# 3920 5359 9470

0201

XP JOTA

60487
IL-US ORD



415-40

ORIGIN ID:PIAA (00) 000-0000
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

ETP: 3
10028260/19600

SHIP DATE: 13AUG25
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part # 156297/2438/FRM/12 Exp 05/26

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

TINLEY PARK IL 60487

3.1-

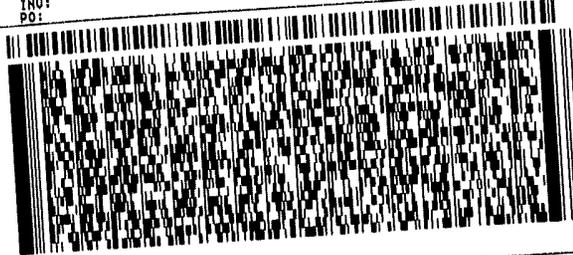


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REF:

500-272952 Waybi

DEPT:



FedEx Express



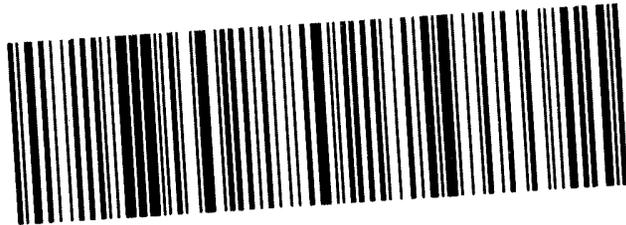
J2530250262301 04

4 of 5
MPS# 3920 9534 7278
0263
Mstr# 3920 9534 7245

XP JOTA

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

60487
IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13AUG25
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

did - JLD

TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:



FedEx Express



AT 1022905203527

1 of 5
TRK# 0201 3920 9534 7245
MASTER

XP JOTA

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

60487
IL-US ORD



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ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13/08/2008
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part 156297-2436 TRB/DN2? Exp 05/26

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

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TINLEY PARK IL 60487

(000) 000-0000
TNU:
PO:

REF:
DEPT:



FedEx
Express



4814 THU 08/14 08 01
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STE E
TINLEY PARK IL
PRIORITY OVERNIGHT
60487-9287-77
303088
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415-4019

JG 10:30A
VERNIGHT

MPS# 3920 9534
0263

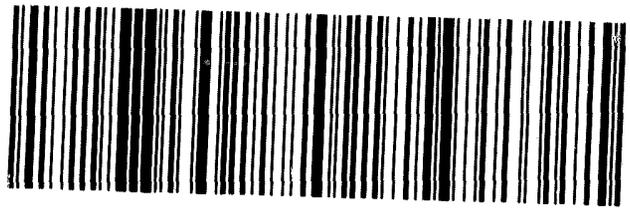
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SR:PD:100:Y

Mstr# 3920 9534 7245

XP JOTA

60487
IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 14AUG25
ACTWGT: 64.75 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part # 156297-435

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E



TINLEY PARK IL 60487

500-272952 Waybi

(000) 000-0000
INU:
PO:

REF:

DEPT:



FedEx
Express



AN 1082805206592Z

3 of 3

MPS#
0263 3921 3439 8442

Mstr# 3921 3439 8420

0201

FRI - 15 AUG 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL US ORD

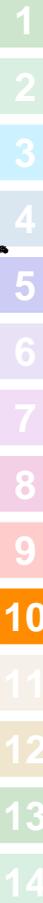
-0.4+0.6



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: 500-210227.1							
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										
Address: 13715 Rider Trail North,		Due Date Requested: 9/2/2025										
City: Earth City		TAT Requested (days): N/A										
State, Zip: MO, 63045		PO #: N/A										
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A										
Email: N/A		Project #: 50011612										
Project Name: Powerton CCR		SSOW #: N/A										
Site: N/A		Site: N/A										
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/Presep_21 Standard Target List	904.0/Presep_28 Standard Target List	Raz26Ra228_GFPc	Analysis Requested	Total Number of Containers	Special Instructions/Note:
MW-21D (500-272952-1)	8/11/25	14:16 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-22 (500-272952-2)	8/11/25	13:39 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/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.</p>												
<p>Possible Hazard Identification</p> <p>Unconfirmed <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2</p>												
<p>Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____</p>												
<p>Relinquished by: <i>Ali Scott</i> Date: 8/12/25 1340 Company: Company Received by: <i>Chyenne Forrest</i> Date/Time: 0830 AUG 13 2025 Company</p>												
<p>Relinquished by: _____ Date/Time: _____ Company: Company Received by: Cheyenne Forrest Date/Time: _____ Company</p>												
<p>Custody Seals Intact: Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____</p>												



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: 500-210371.1	
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 #: 500-272952-2	Preservation Codes:	
Address: 13715 Rider Trail North,		Due Date Requested: 9/16/2025	Analysis Requested:			
City: Earth City		TAT Requested (days): N/A	Total Number of Containers			
State, Zip: MO, 63045		PO #: N/A	903.0/PreSep, 21 Standard Target List			
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A	904.0/PreSep, 05 Standard Target List			
E-mail: N/A		Project #: 50011612	Perform MS/MSD (Yes or No)			
Project Name: Powerton CCR		SSOW#: N/A	Field Filtered Sample (Yes or No)			
Site: N/A			Matrix (W=Water, S=Solid, O=Organic, AT=Air, A=Air)			
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Matrix	Special Instructions/Note:
Duplicate 2 (500-272952-10)	8/13/25	Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 3 (500-272952-11)	8/13/25	Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-05 (500-272952-12)	8/13/25	14:26 Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-04 (500-272952-13)	8/13/25	13:09 Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-03 (500-272952-14)	8/13/25	11:52 Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-02 (500-272952-15)	8/13/25	10:58 Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-11 (500-272952-16)	8/13/25	10:02 Central	G	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-12R (500-272952-17)	8/13/25	08:37 Central	G	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

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

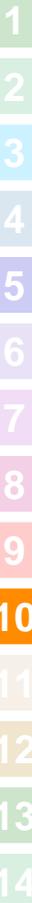
Empty Kit Relinquished by: *Shirley* Date: 8/16/25 15:40 Method of Shipment: Return To Client Disposal By Lab Archive For Months

Relinquished by: *Shirley* Date: 8/16/25 15:40 Received by: *Cheyenne Forrest* Company: Company

Relinquished by: *Shirley* Date: 8/16/25 15:40 Received by: *Cheyenne Forrest* Company: Company

Relinquished by: *Shirley* Date: 8/16/25 15:40 Received by: *Cheyenne Forrest* Company: Company

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



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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-210423.1
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 #: 500-272952-2	Preservation Codes:
Address: 13715 Rider Trail North, Earth City, MO, 63045		Due Date Requested: 9/3/2025		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		904.0/Presep. 21 Standard Target List	
Project Name: Powerton CCR		SSOW#: N/A		904.0/Presep. 05 Standard Target List	
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=soil, BT=Tras, A=Al)	
MW-18A (500-272952-18)	8/14/25	12:48 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-18 (500-272952-19)	8/14/25	12:07 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-16 (500-272952-20)	8/14/25	11:01 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-08 (500-272952-21)	8/14/25	10:07 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-09 (500-272952-22)	8/14/25	08:56 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-19 (500-272952-23)	8/14/25	08:16 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/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) _____
 Primary Deliverable Rank: 2
 Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: *Mawad* Date: 08/15/25
 Relinquished by: _____ Date: 12/00
 Relinquished by: _____ Date: _____
 Custody Seal No.: _____
 Δ Yes Δ No

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements: _____
 Method of Shipment: _____
 Received by: *Sana Worthington* Date/Time: *AUG 18 2025 0845*
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____
 Cooler Temperature(s) °C and Other Remarks: _____



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9,4.3,1.3,2.9,1.8,2.8,-0.6,2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/13/25 11:46 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: 500-272952-2

Login Number: 272952

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/14/25 11:52 AM

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

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



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/15/25 01:03 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/18/25 12:33 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	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
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.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 07:56
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	904.0		1	734027	SWS	EET SL	08/28/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 07:56
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	904.0		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:19
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 11:34
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735905	SWS	EET SL	09/14/25 13:32
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735905	SWS	EET SL	09/14/25 14:44
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735905	SWS	EET SL	09/14/25 13:33
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 11:36
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736056	SWS	EET SL	09/15/25 09:48
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736056	SWS	EET SL	09/15/25 09:48
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 14:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735907	SWS	EET SL	09/14/25 14:50
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735907	SWS	EET SL	09/14/25 14:50
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:49
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732650	JTR	EET SL	08/19/25 08:29
Total/NA	Analysis	903.0		1	735577	SWS	EET SL	09/11/25 18:56
Total/NA	Prep	PrecSep_0			732653	JTR	EET SL	08/19/25 08:46
Total/NA	Analysis	904.0		1	735578	SWS	EET SL	09/11/25 15:53
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732650	JTR	EET SL	08/19/25 08:29
Total/NA	Analysis	903.0		1	735577	SWS	EET SL	09/11/25 18:56
Total/NA	Prep	PrecSep_0			732653	JTR	EET SL	08/19/25 08:46
Total/NA	Analysis	904.0		1	735578	SWS	EET SL	09/11/25 15:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:49
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

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

1

2

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Tracer/Carrier Summary

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

Job ID: 500-272952-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-272952-1	MW-21D	83.4	
500-272952-2	MW-22	84.4	
500-272952-3	MW-01	87.5	
500-272952-4	MW-14	88.3	
500-272952-5	MW-15	75.8	
500-272952-6	MW-06	81.9	
500-272952-7	MW-07	73.8	
500-272952-8	MW-10	76.8	
500-272952-9	Duplicate	85.8	
500-272952-10	Duplicate 2	87.0	
500-272952-11	Duplicate 3	88.8	
500-272952-12	MW-05	88.0	
500-272952-13	MW-04	84.6	
500-272952-14	MW-03	85.3	
500-272952-15	MW-02	86.6	
500-272952-16	MW-11	87.0	
500-272952-17	MW-12R	85.8	
500-272952-18	MW-18A	67.2	
500-272952-19	MW-18	70.9	
500-272952-20	MW-16	91.4	
500-272952-21	MW-08	88.5	
500-272952-22	MW-09	95.8	
500-272952-23	MW-19	90.0	
LCS 160-732119/2-A	Lab Control Sample	87.8	
LCS 160-732127/2-A	Lab Control Sample	82.4	
LCS 160-732417/2-A	Lab Control Sample	89.0	
LCS 160-732648/2-A	Lab Control Sample	93.4	
LCS 160-732650/2-A	Lab Control Sample	86.6	
MB 160-732119/1-A	Method Blank	86.6	
MB 160-732127/1-A	Method Blank	82.4	
MB 160-732417/1-A	Method Blank	88.3	
MB 160-732648/1-A	Method Blank	94.4	
MB 160-732650/1-A	Method Blank	91.0	

Tracer/Carrier Legend
 Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-272952-1	MW-21D	83.4	82.6
500-272952-2	MW-22	84.4	84.5
500-272952-3	MW-01	87.5	87.9
500-272952-4	MW-14	88.3	81.1
500-272952-5	MW-15	75.8	79.6
500-272952-6	MW-06	81.9	79.3

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.

(RAD)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-272952-7	MW-07	73.8	81.9
500-272952-8	MW-10	76.8	78.1
500-272952-9	Duplicate	85.8	78.5
500-272952-10	Duplicate 2	87.0	76.6
500-272952-11	Duplicate 3	88.8	83.4
500-272952-12	MW-05	88.0	82.6
500-272952-13	MW-04	84.6	90.5
500-272952-14	MW-03	85.3	79.6
500-272952-15	MW-02	86.6	76.6
500-272952-16	MW-11	87.0	86.7
500-272952-17	MW-12R	85.8	80.7
500-272952-18	MW-18A	67.2	89.7
500-272952-19	MW-18	70.9	94.2
500-272952-20	MW-16	91.4	81.9
500-272952-21	MW-08	88.5	78.9
500-272952-22	MW-09	95.8	80.4
500-272952-23	MW-19	90.0	75.9
LCS 160-732125/2-A	Lab Control Sample	87.8	88.2
LCS 160-732128/2-A	Lab Control Sample	82.4	83.7
LCS 160-732418/2-A	Lab Control Sample	89.0	80.7
LCS 160-732649/2-A	Lab Control Sample	93.4	82.6
LCS 160-732653/2-A	Lab Control Sample	86.6	81.5
MB 160-732125/1-A	Method Blank	86.6	84.1
MB 160-732128/1-A	Method Blank	82.4	83.7
MB 160-732418/1-A	Method Blank	88.3	80.4
MB 160-732649/1-A	Method Blank	94.4	84.5
MB 160-732653/1-A	Method Blank	91.0	77.8

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/12/25
Sample Name	MW-01	Start Time	1421	
Condition of Well	Good			
Water Level	29.22	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5 ft	WL at Sample Time	29.22	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis		Sample Time	1439	
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)
1423	29.22	7.40	31.9	.776	7.23	177.6	8.31
1426	-	7.29	21.5	.776	3.03	181.2	8.82
1429	-	7.01	21.8	.777	1.60	180.2	12.99
1432	-	6.98	21.7	.777	1.62	179.1	11.33
1435	-	6.92	22.0	.776	1.58	178.5	9.72

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/13/25
Sample Name	MW-02	Start Time	1040	
Condition of Well	Good			
Water Level	31.40	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	Sat	WL at Sample Time	31.48	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, FED CCR, I EPA CCR PERMIT	Sample Time	1058	
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)
1042	31.48	8.07	20.0	.781	8.33	148.8	37.40
1045	-	7.79	15.9	.799	2.27	157.5	15.33
1048	-	7.62	15.5	.795	1.02	159.0	14.14
1051	-	7.51	15.7	.793	0.74	159.9	13.83
1054	-	7.42	15.7	.792	0.57	160.4	14.63

SAMPLING NOTES:

CCA Duplicate

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/13/25
Sample Name	MW-03	Start Time	1137	
Condition of Well	Good			
Water Level	31.86	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	3 qt	WL at Sample Time	31.86	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, FED CCR, FEPA CCR PERMIT	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)
1139	31.86	8.09	17.1	.717	8.73	167.7	14.42
1142	-	7.80	14.4	.717	2.80	171.9	14.13
1145	-	7.58	13.6	.721	0.84	173.1	13.87
1148	-	7.40	13.9	.717	0.63	173.5	13.60

SAMPLING NOTES: CCR Duplicate 3

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/13/25
Sample Name	MW-04	Start Time	1251	
Condition of Well	Good Needs new pro-top			
Water Level		Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time	31.09	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, FED CCR, IEPA CCR PERMIT	Sample Time	1309	
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)
1256		7.35	17.6	.910	4.35	170.9	22.88
1259	-	7.25	16.7	.950	4.61	183.4	20.79
1302	-	7.12	16.3	.954	3.85	185.4	17.07
1305	-	7.09	16.1	.954	3.46	186.5	15.11

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/13/25
Sample Name	MW-05	Start Time	1409	
Condition of Well	Good			
Water Level	27.88	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5qt	WL at Sample Time	27.88	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, Fed CCR, IEPA CCR PERMIT	Sample Time	1426	
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)
1413	27.88	7.13	15.3	1.089	3.16	193.1	13.26
1416	-	7.17	14.9	1.093	0.88	195.1	14.87
1419	-	7.01	15.1	1.070	0.46	195.2	14.51
1422	-	6.95	14.8	1.068	0.33	194.9	13.54

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/12/25
Sample Name	MW-06	Start Time	0916	
Condition of Well	Good			
Water Level	16.55	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Cloudy Brown/Orange	
Volume Removed	11 gal	WL at Sample Time	16.55	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, CCR IEPA PERM	Sample Time	0944	
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)
0919	16.55	7.63	20.5	139.0	2.61	18.5	92.24
0922	-	7.51	20.8	1.148	0.47	69.3	82.08
0925	-	7.47	21.2	1.149	0.32	13.7	30.07
0928	-	7.46	21.8	1.152	0.29	-55.9	31.34
0931	-	7.47	22.3	1.180	0.39	-72.3	26.30
0934	-	7.48	22.6	1.151	0.44	-81.9	19.44
0937	-	7.50	22.8	1.152	0.42	-88.1	17.93
0940	-	7.50	22.9	1.153	0.38	-92.8	15.16

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/12/25
Sample Name	MW-07	Start Time	0820	
Condition of Well	Good			
Water Level	31.53	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Cloudy Brown/Gray	
Volume Removed	10 ⁺	WL at Sample Time	31.53	
Method of Sample	Low-flow bladder	Sample Characteristics	Cloudy Gray	
Sample Analysis	CCA, IEPA COR PERMIT	Sample Time	0844	
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)
0822	31.53	7.53	18.5	1.397	6.20	164.6	352.77
0825	-	6.61	17.3	1.675	1.82	4.5	14.83
0828	-	6.54	17.5	1.697	1.07	-32.3	16.73
0831	-	6.54	17.3	1.699	0.96	-40.2	18.32
0834	-	6.55	17.4	1.684	0.88	-47.9	27.38
0837	-	6.57	17.2	1.635	0.65	-56.4	38.06
0840	-	6.58	17.4	1.612	0.52	-58.0	38.70

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/12/25
Sample Name	MW-10	Start Time	1318	
Condition of Well	Good			
Water Level	20.74	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Slightly Cloudy Gray	
Volume Removed	6qt	WL at Sample Time	20.74	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	FED CCR, IJPA PERMIT CCR, CCA	Sample Time	1336	
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)
1320	20.74	8.22	16.0	.937	7.04	155.3	10.46
1323	-	7.52	14.6	.848	1.33	159.7	38.10
1326	-	7.22	14.3	.848	0.47	160.5	21.09
1329	-	7.09	14.3	.842	0.26	160.3	24.46
1332	-	7.05	14.2	.842	0.21	160.0	19.73

SAMPLING NOTES:

CCR Duplicate 1

Sampler Name and Company:

KPRG and Associates

[Signature]

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/12/25
Sample Name	MW-14	Start Time	1019	
Condition of Well	Good			
Water Level	29.28	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	6qt	WL at Sample Time	Below T.O.P.	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, CCR IEPA PERMET	Sample Time	1039	
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)
1023	29.28	7.38	16.6	3,471	3.92	157.0	15.00
1026	-	7.09	14.0	3,267	3.13	162.6	15.82
1029	-	7.04	16.1	3,258	2.91	163.7	12.81
1032	-	7.00	16.7	3,264	2.69	164.5	11.60
1035	-	6.99	16.9	3,270	2.64	164.8	11.66

SAMPLING NOTES: Didn't fill CCA on 8/12 insufficient water
8/15/ return to well for CCA bottles
Sample Time: 0850

Sampler Name and
Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/14/25
Sample Name	MW-16	Start Time	1041	
Condition of Well	Good			
Water Level	29.62	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5 gal	WL at Sample Time		
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, IEPA, CCR PERMIT	Sample Time	1101	
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)
1045	29.62	7.60	23.3	.728	7.72	134.4	15.54
1048	-	7.58	14.6	.737	7.78	142.8	16.54
1051	-	7.27	14.5	.735	7.58	148.0	16.35
1054	-	7.19	14.7	.732	7.56	150.7	16.84
1057	-	7.14	14.4	.735	7.56	154.3	16.49

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/14/25
Sample Name	MW-18A	Start Time	1224	
Condition of Well	Good			
Water Level	30.62	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Slightly Cloudy	
Volume Removed	3.5 gal	WL at Sample Time	32.93	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCR	Sample Time	1248	
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)
1229	30.62	7.74	21.7	1.893	0.95	129.5	28.79
1232	-	7.10	18.9	2.143	1.73	-48.7	38.60
1235	-	6.88	18.1	2.193	0.58	-81.4	21.57
1238	-	6.84	18.3	2.179	0.39	-90.7	21.53
1241	-	6.82	18.3	2.166	0.32	-95.0	22.20
1244	-	6.85	18.4	2.120	0.25	-98.0	34.40

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

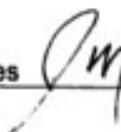
PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/11/25
Sample Name	MW-21D	Start Time	1401	
Condition of Well	Good			
Water Level	33.81	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	4qt	WL at Sample Time	33.81	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	IEPA CCD	Sample Time	1416	
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)
1403	33.81	7.01	23.3	1.082	8.46	213.6	5.32
1406	-	7.33	15.7	1.013	1.30	209.6	11.39
1409	-	7.27	15.4	1.014	0.66	207.8	10.04
1412	-	7.27	15.5	1.010	0.50	205.2	9.70

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	8/11/25
Sample Name	MW-22	Start Time	1319	
Condition of Well	Good			
Water Level	21.52	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	3qt	WL at Sample Time	21.56	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	IEPA CCR	Sample Time	1339	
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)
1320	21.52	6.05	20.1	.847	6.53	227.4	12.69
1323	-	6.40	17.9	.851	4.33	229.5	11.61
1326	-	6.54	15.9	.880	1.70	232.9	11.76
1329	-	6.58	15.5	.883	0.58	230.7	9.60
1332	-	6.62	15.1	.881	0.40	227.9	9.09
1335	-	6.65	15.4	.878	0.38	225.1	10.67

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates