

## **DATA SUMMARY POSTING**

Station: Midwest Generation Powerton Generating Station

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

In accordance with the Coal Combustion Residual Surface Impoundment Operating Permit 2024-CO-100029 (CCR Operating Permit) Special Condition #25, groundwater monitoring was completed during the 3<sup>rd</sup> quarter 2024 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. In addition, Tables 3 and 4 provide a summary of turbidity data which was collected as part of State CCR Rule requirements which is a data parameter that was not required under the Federal CCR Rule. Summary tables are separated by the Silty Clay/Silt Unit and the Sand and Gravel Unit. It is noted that verification sampling of any constituents identified above the GWPSs has been completed and that data will be provided when it becomes available.

It is noted that the boring logs and construction summaries for the new wells specified in Special Condition #12 will be included with the Annual Report for the facility which is due January 31, 2025. This will also include the boring logs and construction summaries for the two fill piezometers, P-1 and P-2, and documentation of the staff gauge installation within Lost Creek in fulfillment of requirements under Special Condition #11. Water levels from the fill piezometers and the staff gauge as well as Illinois River water levels from the USGS Kingston Mine gauge will be included as part of groundwater flow maps which will be included with the Annual Report.

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	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium	
	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	0.008	0.04	0.002	0.10	5.0	0.05	0.002	
MW-16 up-gradient	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	
	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	
MW-06 down-gradient	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	
	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	
MW-14 down-gradient	4/8/2021	2.1	200	98	1.1	7.33	630	1600	< 0.003	0.0028	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.035	< 0.605	0.029	0.0022	
	5/12/2021	2.6	210	100	1.1	7.13	640	1700	< 0.003	0.0047	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.034	< 0.43	0.0039	0.0028	
	6/3/2021	2.1	200	26	1.0	6.79	590	1600	< 0.003	0.0025	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.028	< 0.357	0.094	0.0025	
	6/28/2021	B 2.0	210	93	0.99	6.90	570	1700	^+ < 0.003	0.0014	0.034	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.03	< 0.758	0.034	0.0023	
	7/20/2021	2.0	190	81	0.89	6.88	500	1700	< 0.003	0.0025	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.021	< 0.434	< 0.0025	< 0.002	
	8/23/2021	2.1	210	91	0.96	6.91	560	1800	< 0.003	0.0022	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.031	0.515	0.01	0.0021	
	10/1/2021	1.9	200	100	0.95	7.06	640	1700	< 0.003	0.0045	0.039	< 0.001	0.0005	< 0.005	< 0.001	0.00065	^1+ 0.034	< 0.0002	0.037	< 0.581	< 0.0025	0.002	
	11/29/2021	2.0	180	94	1.10	7.01	^ 480	1400	< 0.003	0.0025	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.033	< 0.442	0.01	< 0.002	
	2/9/2022	1.9	180	67	1.10	6.91	430	1500	< 0.003	0.013	0.046	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.03	0.724	< 0.0025	0.0022	
	6/8/2022	2.2	220	87	0.96	7.12	810	2100	< 0.003	0.0041	0.057	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.038	< 0.429	0.013	0.0033	
	8/31/2022	2.2	B 200	120	0.86	6.74	610	1800	< 0.003	0.004	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.024	0.743	< 0.0025	< 0.002	
	11/17/2022	NS	NS	NS	NS	6.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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	< 0.0010	0.0015	0.021	0.00022	0.025	< 0.552	0.024	0.0020
	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	
	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	< 0.0005	0.00056	0.024	< 0.00020	0.034	0.816	< 0.005	0.0022	
	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	< 0.00100	< 0.00050	0.018	< 0.00020	0.032	1.22	0.0086	< 0.0020	
	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	
6/18/2024	2.2	290	85	1.1	6.85	<u>1500</u>	<u>3900</u>	< 0.0030	0.0020	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.10	< 0.553	<u>0.053</u>	<u>0.0051</u>		
9/9/2024	2.3	230	110	1.4	7.14	<u>1800</u>	<u>4100</u>	^1+ < 0.0030	0.0029	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	<b>0.14</b>	0.584	0.010	<b>0.0035</b>		
MW-18A down-gradient	9/12/2024	0.53	220	140	0.23	6.95	270	<u>1400</u>	< 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	
MW-22 down-gradient	6/18/2024	0.98	130	110	0.40	6.95	220	940	< 0.0030	0.0037	0.14	< 0.0010	< 0.00050	< 0.0050	0.0027	< 0.00050	^1+ < 0.010	< 0.00020	0.028	0.718	0.0029	< 0.0020	
	9/12/2024	2.9	120	40	0.36	6.77	120	660	< 0.0030	<b>0.018</b>	0.16	< 0.0010	< 0.00050	< 0.0050	0.0033	< 0.00050	< 0.010	< 0.00020	0.034	< 0.698	0.0089	< 0.0020	

Notes: All units are in mg/l except pH is in standard units.

NA - Not Analyzed

^+ - Continuing Calibration Verification is outside acceptance limits, high biased.

B - Compound was found in the blank and sample

NSP - No Standard Provided

(CL) - Silty Clay Unit

F1 - MS and/or MSD Recovery outside of limits.

H - Sample was prepped or analyzed beyond the specified holding time.

NS - Not Sampled Due to Insufficient Water

^- Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.

^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.

DNVA - Data Not Yet Available

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	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium
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
MW-16 up-gradient	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
	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
MW-01 down-gradient	11/16/2015	1.0	98	44	0.17	7.07	93	530	< 0.003	< 0.001	0.057	^ < 0.001	< 0.0005	< 0.005	< 0.001	* < 0.0005	< 0.01	< 0.0002	< 0.0050	< 0.744	< 0.0025	* < 0.002
	2/25/2016	0.2	110	42	0.16	7.23	54	460	< 0.003	0.0025	0.053	< 0.001	< 0.0005	< 0.005	0.0014	0.0019	< 0.01	< 0.0002	< 0.005	< 0.722	0.0029	< 0.002
	5/20/2016	0.34	100	44	0.17	6.95	65	430	< 0.003	0.0081	0.062	< 0.001	< 0.0005	0.007	0.0053	0.011	< 0.01	< 0.0002	< 0.005	< 0.953	< 0.0025	< 0.002
	8/17/2016	0.27	78	39	0.25	7.16	50	530	< 0.003	0.0014	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	0.0014	< 0.01	< 0.0002	0.0057	< 0.491	< 0.0025	< 0.002
	11/16/2016	0.18	97	39	0.21	7.22	32	500	< 0.003	0.0051	0.056	< 0.001	< 0.0005	< 0.005	0.0044	0.0082	< 0.01	< 0.0002	0.0059	< 0.618	< 0.0025	< 0.002
	2/14/2017	0.18	120	55	0.17	7.30	60	550	< 0.003	0.0041	0.056	< 0.001	< 0.0005	< 0.005	0.0045	0.0076	< 0.01	< 0.0002	0.0056	< 0.837	< 0.0025	< 0.002
	5/3/2017	0.19	86	66	0.16	7.41	45	460	< 0.003	0.0015	0.045	< 0.001	< 0.0005	< 0.005	0.0033	0.0067	< 0.01	< 0.0002	< 0.005	< 0.574	< 0.0025	< 0.002
	6/21/2017	0.18	85	58	0.18	7.60	47	540	< 0.003	< 0.001	0.040	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.418	< 0.0025	< 0.002
	8/25/2017	0.56	86	41	0.18	7.41	63	490	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0059	< 0.775	< 0.0025	< 0.002
	11/8/2017	0.57	130	38	0.12	6.69	61	640	< 0.003	< 0.001	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.343	< 0.0025	< 0.002
	5/17/2018	0.15	88	50	0.12	6.70	48	540	< 0.003	< 0.001	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	0.00068	< 0.01	< 0.0002	< 0.005	< 0.396	< 0.0025	< 0.002
	8/8/2018	0.14	86	48	0.13	6.80	43	430	< 0.003	< 0.001	0.051	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.579	< 0.0025	< 0.002
	4/30/2019	0.07	78	54	0.17	7.20	27	450	< 0.003	0.0014	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	0.0017	< 0.01	< 0.0002	< 0.005	< 0.656	< 0.0025	< 0.002
	8/26/2019	0.57	100	39	0.13	7.15	71	550	< 0.003	< 0.001	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.802	< 0.0025	< 0.002
	2/24/2020	0.28	87	53	0.21	7.19	34	410	< 0.003	< 0.001	0.044	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00057	< 0.01	< 0.0002	< 0.005	< 0.478	< 0.0025	< 0.002
	4/28/2020	0.33	110	46	0.19	7.17	41	470	NA	< 0.001	0.051	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.628	< 0.0025	< 0.002
	12/7/2020	0.59	100	54	0.25	7.22	55	640	NA	< 0.001	0.058	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0052	< 0.542	< 0.0025	< 0.002
	5/11/2021	0.21	85	51	0.21	7.52	37	450	< 0.003	< 0.001	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.01	< 0.521	< 0.0025	< 0.002
	8/24/2021	0.27	99	40	0.18	7.19	56	430	< 0.003	< 0.001	0.061	< 0.001	< 0.0005	< 0.005	< 0.001	0.00088	< 0.01	< 0.0002	0.007	< 0.463	< 0.0025	< 0.002
	11/30/2021	0.35	84	41	0.19	7.14	^ 28	410	< 0.003	< 0.001	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.005	< 0.0002	0.0072	< 0.434	0.0026	< 0.002
	2/9/2022	0.18	96	47	0.17	7.33	48	520	< 0.003	0.0017	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	0.0012	0.003	< 0.0002	0.0074	< 0.527	< 0.0025	< 0.002
	6/7/2022	0.21	81	51	0.14	7.62	27	430	< 0.003	< 0.001	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0057	< 0.531	< 0.0025	< 0.002
	8/30/2022	0.59	92	44	0.15	7.10	66	810	< 0.003	< 0.001	0.073	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	< 0.441	< 0.0025	< 0.002
	11/15/2022	0.74	110	47	0.1	7.15	45	530	< 0.003	< 0.001	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.659	< 0.0025	< 0.002
	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
	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
	8/29/2023	0.59	100	47	< 0.10	6.98	43	530	< 0.0020	< 0.0020	0.078	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0020	< 0.574	< 0.005	< 0.0010
	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
2/21/2024	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	
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	
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	
MW-02 down-gradient	6/20/2017	0.33	90	55	0.19	7.01	47	500	< 0.003	0.0012	0.075	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002
	8/23/2017	V 1.30	86	49	0.19	7.40	61	440	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.833	< 0.0025	< 0.002
	11/7/2017	3.70	98	46	0.17	7.10	88	550	< 0.003	0.0014	0.091	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.309	0.0027	< 0.002
	5/15/2018	0.22	80	45	0.23	7.71	54	500	< 0.003	0.0013	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	0.0004	< 0.005	< 0.408	< 0.0025	< 0.002
	8/7/2018	1.50	89	54	0.15	7.09	51	530	< 0.003	0.0016	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.622	< 0.0025	< 0.002
	10/30/2018	0.23	86	43	0.17	7.83	34	480	< 0.003	0.0015	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.564	< 0.0025	< 0.002
	2/26/2019	0.07	69	49	0.16	7.82	23	400	< 0.003	0.0026	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	0.0013	< 0.01	< 0.0002	< 0.005	< 0.425	< 0.0025	< 0.002
	4/30/2019	0.12	79	48	0.16	7.60	30	440	< 0.003	0.0013	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.441	< 0.0025	< 0.002
	8/26/2019	0.51	86	50	0.18	7.13	32	400	< 0.003	0.0011	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 1.180	< 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	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium
MW-04 down-gradient	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
	6/20/2017	0.5	77	55	0.29	7.45	53	480	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.343	< 0.0025	< 0.002
	8/28/2017	V 0.73	90	89	0.33	7.13	110	680	< 0.003	< 0.001	0.028	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.013	< 0.246	< 0.0025	< 0.002
	11/7/2017	0.60	110	94	0.24	6.80	130	650	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.332	< 0.0092	< 0.002
	5/15/2018	0.68	87	66	0.27	7.63	100	630	< 0.003	< 0.001	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.661	< 0.0025	< 0.002
	8/7/2018	0.79	84	71	0.32	6.72	49	510	< 0.003	0.0011	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.006	< 0.334	< 0.0025	< 0.002
	10/30/2018	0.54	100	80	0.24	7.55	91	690	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.423	< 0.0025	< 0.002
	2/26/2019	0.38	79	55	0.25	7.18	52	490	< 0.003	0.0013	0.033	< 0.001	< 0.0005	< 0.005	0.001	0.0012	< 0.01	< 0.0002	< 0.005	0.366	< 0.0025	< 0.002
	4/30/2019	0.36	74	48	0.25	7.08	35	380	< 0.003	< 0.001	0.026	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.684	< 0.0025	< 0.002
	8/26/2019	0.64	91	60	0.24	7.08	14	490	< 0.003	< 0.001	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.008	1.090	< 0.0025	< 0.002
	2/24/2020	0.34	81	49	0.20	7.05	67	440	< 0.003	< 0.001	0.024	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.595	< 0.0025	< 0.002
	4/28/2020	0.55	76	52	0.27	7.03	47	380	NA	< 0.001	0.025	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	< 0.005	< 0.465	< 0.0025	NA
	12/9/2020	0.57	92	88	0.32	7.10	94	580	NA	< 0.001	0.034	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0076	< 0.411	< 0.0025	NA
	5/11/2021	0.61	77	44	0.33	7.22	76	410	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.533	< 0.0025	< 0.002
	8/24/2021	0.72	78	48	0.34	7.12	15	100	< 0.003	< 0.001	0.024	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.014	< 0.427	< 0.0025	< 0.002
	11/30/2021	0.51	99	56	0.25	6.95	62	560	< 0.003	0.0012	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0035	< 0.0002	< 0.005	< 0.419	< 0.0025	< 0.002
	2/8/2022	0.47	88	59	0.29	7.15	52	580	< 0.003	< 0.001	0.03	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0038	< 0.0002	0.006	0.818	< 0.0025	< 0.002
	6/7/2022	0.48	73	43	0.3	7.31	30	320	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0051	< 0.473	< 0.0025	< 0.002
	8/30/2022	0.67	94	61	0.21	6.80	67	720	< 0.003	< 0.001	0.034	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.546	< 0.0025	< 0.002
	11/14/2022	0.84	110	62	0.2	6.85	41	570	< 0.003	< 0.001	0.08	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.583	< 0.0074	< 0.002
	2/21/2023	0.75	89	54	0.22	7.58	54	540	< 0.0030	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.567	< 0.0037	< 0.0020
	5/16/2023	0.66	100	51	0.270	7.21	120	550	< 0.0030	< 0.0010	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.624	< 0.0025	< 0.0020
	8/28/2023	0.78	95	72	0.24	7.02	110	610	< 0.0020	< 0.0020	0.062	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	< 0.010	< 0.00020	< 0.0020	< 0.669	< 0.005	< 0.0010
11/7/2023	0.78	100	59	0.21	7.01	150	620	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.679	< 0.0070	< 0.0020	
2/22/2024	0.61	96	60	0.23	7.29	63	520	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.479	< 0.0042	< 0.0020	
6/19/2024	1.3	120	57	0.30	6.77	150	670	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.725	< 0.0025	< 0.0020	
9/10/2024	1.6	100	62	0.18	6.96	110	590	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.712	< 0.0025	< 0.0020	
MW-05 down-gradient	5/17/2016	0.70	100	85	0.35	7.08	120	660	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.373	< 0.0025	< 0.002
	8/16/2016	0.69	110	97	0.30	6.85	150	830	< 0.003	< 0.001	0.060	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.452	< 0.0025	< 0.002
	11/15/2016	0.93	94	66	0.23	6.96	77	620	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.449	< 0.0025	< 0.002
	2/14/2017	0.79	100	100	0.25	7.25	170	760	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.00091	< 0.01	< 0.0002	< 0.005	< 0.359	< 0.0025	< 0.002
	5/1/2017	0.70	100	92	0.28	7.60	170	710	< 0.003	< 0.001	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0066	< 0.439	< 0.0025	< 0.002
	6/20/2017	0.64	89	63	0.28	7.32	78	550	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.365	< 0.0025	< 0.002
	8/28/2017	0.62	110	120	0.33	7.05	210	870	< 0.003	< 0.001	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0085	0.381	< 0.0025	< 0.002
	11/7/2017	0.51	99	110	0.31	6.87	160	990	< 0.003	< 0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002
	5/15/2018	0.61	130	89	0.29	7.70	210	910	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.390	< 0.0025	< 0.002
	8/7/2018	0.49	110	120	0.32	6.56	180	890	< 0.003	< 0.001	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0069	0.523	< 0.0025	< 0.002
	4/30/2019	0.56	84	73	0.36	6.96	120	590	< 0.003	< 0.001	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.709	< 0.0025	< 0.002
	8/26/2019	0.57	110	75	0.29	7.01	110	660	< 0.003	< 0.001	0.050	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0067	0.651	< 0.0025	< 0.002
	2/24/2020	0.54	110	70	0.36	6.90	120	H 700	< 0.003	< 0.001	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	0.506	< 0.0025	< 0.002
	4/28/2020	0.49	110	56	0.37	6.87	130	620	NA	0.001	0.052	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	0.0074	0.508	< 0.0025	NA
	12/9/2020	0.53	98	78	0.31	6.91	110	670	NA	< 0.001	0.05	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0072	< 0.569	< 0.0025	NA
	5/11/2021	0.50	83	52	0.38	7.20	100	530	< 0.003	< 0.001	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0062	< 0.525	< 0.0025	< 0.002
	8/24/2021	0.55	88	69	0.32	6.84	99	500	< 0.003	< 0.001	0.041	< 0.001	<									

Table 3 - Groundwater Turbidity - Midwest Generation, LLC, Powerton Station, Pekin, IL. Silty Clay/Silt Unit.

Well	Date	Turbidity (NTU)
MW-16	6/18/2024	13.04
	9/11/2024	8.22
MW-06	6/18/2024	11.22
	9/10/2024	12.45
MW-14	2/24/2021	13.9
	4/8/2021	5.39
	5/12/2021	1.22
	6/3/2021	2.63
	6/28/2021	3.74
	7/20/2021	4.34
	8/23/2021	4.26
	10/1/2021	10.27
	11/29/2021	12.29
	2/9/2022	8.66
	6/8/2022	19.54
	8/31/2022	40.75
	11/17/2022	31.69
	2/21/2023	7.33
	5/17/2023	7.08
	8/29/2023	1.95
	11/6/2023	34.43
	2/20/2024	6.79
6/18/2024	8.71	
9/9/2024	8.64	
MW-18A	9/12/2024	85.61
MW-22	6/20/2024	12.39
	9/12/2024	18.30

Table 4. Groundwater Turbidity - Midwest Generation, LLC, Powerton Station, Pekin, IL. Sand and Gravel Unit.

Well	Date	Turbidity (NTU)
MW-16	6/18/2024	13.04
	9/11/2024	8.22
MW-01	2/23/2021	78.20
	4/9/2021	6.96
	5/11/2021	3.24
	6/2/2021	3.8
	6/28/2021	4.30
	7/19/2021	4.88
	8/24/2021	3.34
	9/30/2021	3.04
	11/30/2021	5.43
	2/9/2022	11.5
	6/7/2022	3.63
	8/30/2022	4.73
	11/15/2022	3.9
	2/22/2023	4.54
	5/17/2023	4.33
	8/29/2023	4.40
	11/7/2023	2.93
	2/21/2024	17.88
6/19/2024	10.24	
9/11/2024	8.24	
MW-02	2/22/2021	19.60
	4/8/2021	4.55
	5/11/2021	1.82
	6/2/2021	2.06
	6/28/2021	2.67
	7/19/2021	3.56
	8/24/2021	5.23
	10/1/2021	2.76
	11/30/2021	0
	2/8/2022	0
	6/7/2022	2.03
	8/30/2022	2.46
	11/14/2022	29.35
	2/21/2023	2.63
	5/16/2023	62.49
	8/28/2023	1.70
	11/7/2023	2.63
	2/22/2024	22.00
6/19/2024	8.34	
9/10/2024	7.53	
MW-03	2/22/2021	8.20
	4/8/2021	4.00
	5/11/2021	2.68
	6/2/2021	3.63
	6/28/2021	3.32
	7/19/2021	4.22
	8/24/2021	5.75
	10/1/2021	2.45
	11/30/2021	0.0
	2/8/2022	0.0
	6/7/2022	1.72
	8/30/2022	2.67
	11/14/2022	4.03
	2/21/2023	2.33
	5/16/2023	6.94
	8/28/2023	1.45
	11/7/2023	2.29
	2/22/2024	10.24
6/19/2024	7.26	
9/10/2024	8.64	
MW-04	2/22/2021	4.20
	4/8/2021	4.05
	5/11/2021	4.33
	6/2/2021	2.12
	6/28/2021	8.21
	7/19/2021	3.84
	8/24/2021	2.92
	10/1/2021	2.72
	11/30/2021	0
	2/8/2022	11.09
	6/7/2022	1.62
	8/30/2022	4.05
	11/14/2022	20.7
	2/21/2023	3.7
	5/16/2023	2.5
	8/28/2023	5.59
	11/7/2023	3.48
	2/22/2024	15.41
6/19/2024	12.81	
9/10/2024	7.64	

Table 4. Groundwater Turbidity - Midwest Generation, LLC, Powerton Station, Pekin, IL. Sand and Gravel Unit.

Well	Date	Turbidity (NTU)
MW-05	2/22/2021	1.72
	4/8/2021	4.00
	5/11/2021	1.82
	6/2/2021	1.88
	6/28/2021	3.49
	7/19/2021	8.39
	8/24/2021	3.2
	10/1/2021	3.12
	11/30/2021	0
	2/8/2022	0
	6/7/2022	2.33
	8/30/2022	2.7
	11/14/2022	2.05
	2/21/2023	2.16
	5/16/2023	2.55
	8/28/2023	1.5
	11/7/2023	2.5
2/22/2024	7.08	
6/19/2024	7.56	
9/10/2024	8.7	
MW-07	6/18/2024	40.69
	9/10/2024	17.49
MW-10	2/23/2021	257.70
	4/9/2021	54.91
	5/11/2021	24.74
	6/2/2021	6.02
	6/28/2021	14.11
	7/19/2021	17.53
	8/24/2021	41.55
	9/30/2021	17.07
	11/30/2021	11.92
	2/9/2022	224.6
	6/7/2022	7.88
	8/30/2022	13.34
	11/15/2022	23.18
	2/22/2023	14.31
	5/17/2023	30.7
	8/29/2023	31.79
	11/7/2023	20.85
2/21/2024	29.67	
6/19/2024	22.65	
9/11/2024	31.08	
MW-21D	6/17/2024	162.37
	9/10/2024	22.92

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

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

Generated 10/2/2024 8:37:11 AM

**JOB DESCRIPTION**

Powerton CCR

**JOB NUMBER**

500-256375-1



# Eurofins Chicago

## Job Notes

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

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

## Authorization



Generated  
10/2/2024 8:37:11 AM

Authorized for release by  
Diana Mockler, Project Manager I  
[Diana.Mockler@et.eurofinsus.com](mailto:Diana.Mockler@et.eurofinsus.com)  
(219)252-7570



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	5
Sample Summary . . . . .	6
Client Sample Results . . . . .	7
Definitions . . . . .	36
QC Association . . . . .	37
QC Sample Results . . . . .	45
Chain of Custody . . . . .	57
Receipt Checklists . . . . .	67
Chronicle . . . . .	68
Certification Summary . . . . .	79

# Case Narrative

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

Job ID: 500-256375-1

**Job ID: 500-256375-1**

**Eurofins Chicago**

## Job Narrative 500-256375-1

### Receipt

The samples were received on 9/10/2024 9:55 AM, 9/11/2024 9:35 AM, 9/12/2024 9:30 AM, 9/13/2024 9:50 AM and 9/14/2024 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.7°C, 1.2°C, 1.2°C, 2.3°C, 2.4°C, 3.2°C, 5.1°C, 5.9°C and 8.4°C.

### Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: cooler temp:8.1°C, water present in cooler. Cooler contained all containers for sample #13 MW-10,#15 MW-09, #16 MW-16 and #17 MW08.

### Metals

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-785902 was above the upper control limit. The affected analyte is: Antimony. Sample results were below the reporting limit, and have been reported as qualified data.

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

### General Chemistry

Method SM4500\_Cl\_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-786127 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: 500-256375-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9056A	Anions, Ion Chromatography	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
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, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

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

Job ID: 500-256375-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-256375-1	MW-11	Water	09/09/24 14:13	09/10/24 09:55
500-256375-2	MW-14	Water	09/09/24 12:05	09/10/24 09:55
500-256375-3	MW-15	Water	09/09/24 13:07	09/10/24 09:55
500-256375-4	MW-02	Water	09/10/24 13:15	09/11/24 09:35
500-256375-5	MW-03	Water	09/10/24 14:37	09/11/24 09:35
500-256375-6	MW-04	Water	09/10/24 15:44	09/11/24 09:35
500-256375-7	MW-05	Water	09/10/24 11:48	09/11/24 09:35
500-256375-8	MW-06	Water	09/10/24 11:08	09/11/24 09:35
500-256375-9	MW-07	Water	09/10/24 10:13	09/11/24 09:35
500-256375-10	MW-21D	Water	09/10/24 09:02	09/11/24 09:35
500-256375-11	Duplicate	Water	09/10/24 00:00	09/11/24 09:35
500-256375-12	MW-12R	Water	09/11/24 15:14	09/12/24 09:30
500-256375-13	MW-10	Water	09/11/24 13:58	09/12/24 09:30
500-256375-14	MW-01	Water	09/11/24 12:29	09/12/24 09:30
500-256375-15	MW-09	Water	09/11/24 08:38	09/12/24 09:30
500-256375-16	MW-16	Water	09/11/24 10:00	09/12/24 09:30
500-256375-17	MW-08	Water	09/11/24 11:21	09/12/24 09:30
500-256375-18	Duplicate	Water	09/11/24 00:00	09/12/24 09:30
500-256375-19	MW-22	Water	09/12/24 13:31	09/13/24 09:50
500-256375-20	MW-23	Water	09/12/24 14:18	09/13/24 09:50
500-256375-21	MW-18	Water	09/12/24 12:14	09/13/24 09:50
500-256375-22	MW-17	Water	09/12/24 11:23	09/13/24 09:50
500-256375-23	MW-13	Water	09/12/24 10:20	09/13/24 09:50
500-256375-24	MW-20	Water	09/12/24 09:34	09/13/24 09:50
500-256375-25	MW-21	Water	09/12/24 09:05	09/13/24 09:50
500-256375-26	MW-20	Water	09/10/24 09:30	09/13/24 09:50
500-256375-27	MW-21	Water	09/10/24 08:36	09/13/24 09:50
500-256375-28	MW-19	Water	09/13/24 08:44	09/14/24 10:25
500-256375-30	MW-18A	Water	09/12/24 12:33	09/14/24 10:25

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-11**  
Date Collected: 09/09/24 14:13  
Date Received: 09/10/24 09:55

**Lab Sample ID: 500-256375-1**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030	^1+	0.0030		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Arsenic</b>	<b>0.019</b>		0.0010		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Barium</b>	<b>0.20</b>		0.0025		mg/L		09/11/24 08:59	09/12/24 18:44	1
Beryllium	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Boron</b>	<b>1.8</b>		0.050		mg/L		09/11/24 08:59	09/12/24 18:44	1
Cadmium	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Calcium</b>	<b>130</b>		0.20		mg/L		09/11/24 08:59	09/12/24 18:44	1
Chromium	<0.0050		0.0050		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Cobalt</b>	<b>0.0016</b>		0.0010		mg/L		09/11/24 08:59	09/12/24 18:44	1
Lead	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:44	1
Lithium	<0.010		0.010		mg/L		09/11/24 08:59	09/12/24 18:44	1
<b>Molybdenum</b>	<b>0.013</b>		0.0050		mg/L		09/11/24 08:59	09/12/24 18:44	1
Selenium	<0.0025		0.0025		mg/L		09/11/24 08:59	09/12/24 18:44	1
Thallium	<0.0020		0.0020		mg/L		09/11/24 08:59	09/12/24 18:44	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>82</b>		10		mg/L			09/26/24 15:10	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>700</b>		10		mg/L			09/13/24 00:14	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>56</b>		4.0		mg/L			09/15/24 14:24	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.50</b>		0.10		mg/L			09/18/24 15:38	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-14**  
Date Collected: 09/09/24 12:05  
Date Received: 09/10/24 09:55

**Lab Sample ID: 500-256375-2**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030	^1+	0.0030		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Arsenic</b>	<b>0.0029</b>		0.0010		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Barium</b>	<b>0.063</b>		0.0025		mg/L		09/11/24 08:59	09/12/24 18:46	1
Beryllium	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Boron</b>	<b>2.3</b>		0.050		mg/L		09/11/24 08:59	09/12/24 18:46	1
Cadmium	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Calcium</b>	<b>230</b>		0.20		mg/L		09/11/24 08:59	09/12/24 18:46	1
Chromium	<0.0050		0.0050		mg/L		09/11/24 08:59	09/12/24 18:46	1
Cobalt	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:46	1
Lead	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Lithium</b>	<b>0.018</b>		0.010		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Molybdenum</b>	<b>0.14</b>		0.0050		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Selenium</b>	<b>0.010</b>		0.0025		mg/L		09/11/24 08:59	09/12/24 18:46	1
<b>Thallium</b>	<b>0.0035</b>		0.0020		mg/L		09/11/24 08:59	09/12/24 18:46	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>1800</b>		100		mg/L			09/26/24 15:55	100
<b>Total Dissolved Solids (SM 2540C)</b>	<b>4100</b>		17		mg/L			09/13/24 00:20	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>110</b>		10		mg/L			09/15/24 14:44	5
<b>Fluoride (SM 4500 F C)</b>	<b>1.4</b>		0.10		mg/L			09/18/24 15:43	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-15**  
Date Collected: 09/09/24 13:07  
Date Received: 09/10/24 09:55

**Lab Sample ID: 500-256375-3**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030	^1+	0.0030		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Arsenic</b>	<b>0.0018</b>		0.0010		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Barium</b>	<b>0.053</b>		0.0025		mg/L		09/11/24 08:59	09/12/24 18:48	1
Beryllium	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Boron</b>	<b>1.6</b>		0.050		mg/L		09/11/24 08:59	09/12/24 18:48	1
Cadmium	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Calcium</b>	<b>240</b>		0.20		mg/L		09/11/24 08:59	09/12/24 18:48	1
Chromium	<0.0050		0.0050		mg/L		09/11/24 08:59	09/12/24 18:48	1
Cobalt	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:48	1
Lead	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Lithium</b>	<b>0.020</b>		0.010		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Molybdenum</b>	<b>0.061</b>		0.0050		mg/L		09/11/24 08:59	09/12/24 18:48	1
<b>Selenium</b>	<b>0.0066</b>		0.0025		mg/L		09/11/24 08:59	09/12/24 18:48	1
Thallium	<0.0020		0.0020		mg/L		09/11/24 08:59	09/12/24 18:48	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:45	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>500</b>		20		mg/L			09/26/24 16:11	20
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1700</b>		10		mg/L			09/13/24 00:22	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>290</b>		20		mg/L			09/15/24 14:44	10
<b>Fluoride (SM 4500 F C)</b>	<b>0.43</b>		0.10		mg/L			09/18/24 15:48	1



# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-02**  
Date Collected: 09/10/24 13:15  
Date Received: 09/11/24 09:35

**Lab Sample ID: 500-256375-4**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:10	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:12	1
<b>Barium</b>	<b>0.093</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:12	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:10	1
<b>Boron</b>	<b>3.9</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:12	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:12	1
<b>Calcium</b>	<b>110</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:12	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:12	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:12	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:12	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:12	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:12	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:12	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:12	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:47	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>83</b>		5.0		mg/L			09/26/24 16:26	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>590</b>		10		mg/L			09/13/24 00:25	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>55</b>		4.0		mg/L			09/15/24 14:25	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.15</b>		0.10		mg/L			09/18/24 15:53	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-03**

**Lab Sample ID: 500-256375-5**

Date Collected: 09/10/24 14:37

Matrix: Water

Date Received: 09/11/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:44	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:39	1
<b>Barium</b>	<b>0.11</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:39	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:44	1
<b>Boron</b>	<b>0.21</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:39	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:39	1
<b>Calcium</b>	<b>78</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:39	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:39	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:39	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:39	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:39	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:39	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:39	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:39	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:49	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>21</b>		5.0		mg/L			09/26/24 16:41	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>420</b>		10		mg/L			09/13/24 00:27	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>68</b>		4.0		mg/L			09/15/24 14:25	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.19</b>		0.10		mg/L			09/18/24 16:07	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-04**  
**Date Collected: 09/10/24 15:44**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-6**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:46	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:42	1
<b>Barium</b>	<b>0.062</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:42	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:46	1
<b>Boron</b>	<b>1.6</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:42	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:42	1
<b>Calcium</b>	<b>100</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:42	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:42	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:42	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:42	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:42	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:42	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:42	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:42	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:51	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>110</b>		5.0		mg/L			09/26/24 16:56	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>590</b>		10		mg/L			09/13/24 00:30	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>62</b>		4.0		mg/L			09/15/24 14:25	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.18</b>		0.10		mg/L			09/18/24 16:11	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-05**  
Date Collected: 09/10/24 11:48  
Date Received: 09/11/24 09:35

**Lab Sample ID: 500-256375-7**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:55	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:44	1
<b>Barium</b>	<b>0.060</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:44	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:55	1
<b>Boron</b>	<b>2.3</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:44	1
<b>Cadmium</b>	<b>0.00059</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 17:44	1
<b>Calcium</b>	<b>100</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:44	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:44	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:44	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:44	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:44	1
<b>Molybdenum</b>	<b>0.0065</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 17:44	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:44	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:44	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 09:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>120</b>		5.0		mg/L			09/26/24 17:42	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>670</b>		10		mg/L			09/13/24 00:33	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>61</b>		4.0		mg/L			09/15/24 14:25	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.26</b>		0.10		mg/L			09/18/24 16:16	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-06**  
Date Collected: 09/10/24 11:08  
Date Received: 09/11/24 09:35

**Lab Sample ID: 500-256375-8**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:58	1
<b>Arsenic</b>	<b>0.0032</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 17:46	1
<b>Barium</b>	<b>0.075</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:46	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:58	1
<b>Boron</b>	<b>0.40</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:46	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:46	1
<b>Calcium</b>	<b>96</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:46	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:46	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:46	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:46	1
<b>Lithium</b>	<b>0.010</b>		0.010		mg/L		09/19/24 09:04	09/23/24 17:46	1
<b>Molybdenum</b>	<b>0.011</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 17:46	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:46	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:46	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 09:06	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>270</b>		10		mg/L			09/26/24 17:57	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>880</b>		10		mg/L			09/13/24 00:35	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>130</b>		10		mg/L			09/15/24 14:26	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.48</b>		0.10		mg/L			09/18/24 16:21	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-07**

**Lab Sample ID: 500-256375-9**

Date Collected: 09/10/24 10:13

Matrix: Water

Date Received: 09/11/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:01	1
<b>Arsenic</b>	<b>0.14</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 17:48	1
<b>Barium</b>	<b>0.49</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:48	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:01	1
<b>Boron</b>	<b>0.39</b>		0.050		mg/L		09/19/24 09:04	09/23/24 17:48	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:48	1
<b>Calcium</b>	<b>250</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:48	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:48	1
<b>Cobalt</b>	<b>0.0074</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 17:48	1
<b>Lead</b>	<b>0.0010</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 17:48	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:48	1
<b>Molybdenum</b>	<b>0.0069</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 17:48	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:48	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:48	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 09:08	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>24</b>		5.0		mg/L			09/26/24 18:12	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1000</b>		10		mg/L			09/13/24 00:38	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>140</b>		10		mg/L			09/15/24 14:26	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.39</b>		0.10		mg/L			09/18/24 16:25	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-21D**

**Lab Sample ID: 500-256375-10**

Date Collected: 09/10/24 09:02

Matrix: Water

Date Received: 09/11/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:03	1
<b>Arsenic</b>	<b>0.0011</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 17:55	1
<b>Barium</b>	<b>0.11</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:55	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:03	1
<b>Boron</b>	<b>0.71</b>		0.050		mg/L		09/19/24 09:04	09/25/24 12:30	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:55	1
<b>Calcium</b>	<b>69</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:55	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:55	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:55	1
<b>Lead</b>	<b>0.00050</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 17:55	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:55	1
<b>Molybdenum</b>	<b>0.041</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 17:55	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:55	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:55	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 07:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>100</b>		10		mg/L			09/26/24 18:27	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>630</b>		10		mg/L			09/13/24 00:40	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>110</b>		10		mg/L			09/15/24 14:28	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.58</b>		0.10		mg/L			09/18/24 16:29	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: Duplicate**  
**Date Collected: 09/10/24 00:00**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-11**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:05	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:58	1
<b>Barium</b>	<b>0.096</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 17:58	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:05	1
<b>Boron</b>	<b>4.3</b>		0.050		mg/L		09/19/24 09:04	09/25/24 12:32	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:58	1
<b>Calcium</b>	<b>120</b>		0.20		mg/L		09/19/24 09:04	09/23/24 17:58	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:58	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:58	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:58	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:58	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:58	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:58	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:58	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 07:57	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>82</b>		10		mg/L			09/26/24 18:42	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>580</b>		10		mg/L			09/13/24 00:43	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>56</b>		4.0		mg/L			09/15/24 14:28	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.14</b>		0.10		mg/L			09/18/24 16:34	1



# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-12R**

**Lab Sample ID: 500-256375-12**

Date Collected: 09/11/24 15:14

Matrix: Water

Date Received: 09/12/24 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		09/19/24 09:04	09/24/24 13:08	1
<b>Arsenic</b>	<b>0.014</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:00	1
<b>Barium</b>	<b>0.083</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:00	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:08	1
<b>Boron</b>	<b>0.57</b>		0.050		mg/L		09/19/24 09:04	09/25/24 12:34	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:00	1
<b>Calcium</b>	<b>120</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:00	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:00	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:00	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:00	1
<b>Lithium</b>	<b>0.012</b>		0.010		mg/L		09/19/24 09:04	09/23/24 18:00	1
<b>Molybdenum</b>	<b>0.023</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:00	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:00	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:00	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 07:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>370</b>		10		mg/L			09/26/24 18:58	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1100</b>		10		mg/L			09/13/24 00:45	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>160</b>		10		mg/L			09/15/24 14:28	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.42</b>		0.10		mg/L			09/18/24 16:38	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-10**  
Date Collected: 09/11/24 13:58  
Date Received: 09/12/24 09:30

**Lab Sample ID: 500-256375-13**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:10	1
<b>Arsenic</b>	<b>0.0011</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:02	1
<b>Barium</b>	<b>0.23</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:02	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:10	1
<b>Boron</b>	<b>2.9</b>		0.050		mg/L		09/19/24 09:04	09/26/24 14:59	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:02	1
<b>Calcium</b>	<b>110</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:02	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:02	1
<b>Cobalt</b>	<b>0.0067</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:02	1
<b>Lead</b>	<b>0.00084</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 18:02	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:02	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:02	1
<b>Selenium</b>	<b>0.0047</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:02	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:02	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:09	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>72</b>		5.0		mg/L			09/26/24 19:13	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>590</b>		10		mg/L			09/13/24 00:48	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>53</b>		4.0		mg/L			09/15/24 14:29	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.29</b>		0.10		mg/L			09/23/24 14:52	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-01**  
**Date Collected: 09/11/24 12:29**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-14**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:12	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:04	1
<b>Barium</b>	<b>0.066</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:04	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:12	1
<b>Boron</b>	<b>0.18</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:01	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:04	1
<b>Calcium</b>	<b>78</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:04	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:04	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:04	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:04	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:04	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:04	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:04	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:04	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>35</b>		10		mg/L			09/26/24 19:28	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>430</b>		10		mg/L			09/13/24 00:51	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>61</b>	<b>F1</b>	4.0		mg/L			09/15/24 14:29	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.15</b>		0.10		mg/L			09/23/24 15:08	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-09**

**Lab Sample ID: 500-256375-15**

Date Collected: 09/11/24 08:38

Matrix: Water

Date Received: 09/12/24 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		09/19/24 09:04	09/24/24 13:14	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:07	1
<b>Barium</b>	<b>0.039</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:07	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:14	1
<b>Boron</b>	<b>2.6</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:04	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:07	1
<b>Calcium</b>	<b>82</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:07	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:07	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:07	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:07	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:07	1
<b>Molybdenum</b>	<b>0.020</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:07	1
<b>Selenium</b>	<b>0.0061</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:07	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:07	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:13	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>110</b>		10		mg/L			09/26/24 19:43	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>550</b>		10		mg/L			09/13/24 00:53	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>26</b>		2.0		mg/L			09/19/24 13:00	1
<b>Fluoride (SM 4500 F C)</b>	<b>0.15</b>		0.10		mg/L			09/23/24 15:13	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-16**  
**Date Collected: 09/11/24 10:00**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-16**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:17	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:09	1
<b>Barium</b>	<b>0.039</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:09	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:17	1
<b>Boron</b>	<b>0.18</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:06	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:09	1
<b>Calcium</b>	<b>110</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:09	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:09	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:09	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:09	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:09	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:09	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:09	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:09	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:21	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>25</b>		5.0		mg/L			09/26/24 19:58	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>500</b>		10		mg/L			09/13/24 00:56	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>22</b>		2.0		mg/L			09/19/24 13:00	1
Fluoride (SM 4500 F C)	<0.10		0.10		mg/L			09/23/24 15:17	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-08**  
**Date Collected: 09/11/24 11:21**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-17**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:23	1
<b>Arsenic</b>	<b>0.0015</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:11	1
<b>Barium</b>	<b>0.092</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:11	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:23	1
<b>Boron</b>	<b>0.79</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:08	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:11	1
<b>Calcium</b>	<b>130</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:11	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:11	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:11	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:11	1
<b>Lithium</b>	<b>0.018</b>		0.010		mg/L		09/19/24 09:04	09/23/24 18:11	1
<b>Molybdenum</b>	<b>0.0078</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:11	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:11	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:11	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:23	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>170</b>		5.0		mg/L			09/26/24 20:44	5
<b>Total Dissolved Solids (SM 2540C)</b>	<b>780</b>		10		mg/L			09/13/24 00:58	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>110</b>		10		mg/L			09/19/24 13:44	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.28</b>		0.10		mg/L			09/23/24 15:33	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: Duplicate**

**Lab Sample ID: 500-256375-18**

**Date Collected: 09/11/24 00:00**

**Matrix: Water**

**Date Received: 09/12/24 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		09/19/24 09:04	09/24/24 13:26	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:13	1
<b>Barium</b>	<b>0.067</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:13	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:26	1
<b>Boron</b>	<b>0.16</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:11	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:13	1
<b>Calcium</b>	<b>79</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:13	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:13	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:13	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:13	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:13	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:13	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:13	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:13	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>33</b>		10		mg/L			09/26/24 20:59	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>480</b>		10		mg/L			09/13/24 01:01	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>63</b>		4.0		mg/L			09/19/24 13:45	2
<b>Fluoride (SM 4500 F C)</b>	<b>0.16</b>		0.10		mg/L			09/23/24 15:38	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-22**

**Lab Sample ID: 500-256375-19**

Date Collected: 09/12/24 13:31

Matrix: Water

Date Received: 09/13/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:28	1
<b>Arsenic</b>	<b>0.018</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:16	1
<b>Barium</b>	<b>0.16</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:16	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:28	1
<b>Boron</b>	<b>2.9</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:18	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:16	1
<b>Calcium</b>	<b>120</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:16	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:16	1
<b>Cobalt</b>	<b>0.0033</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:16	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:16	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:16	1
<b>Molybdenum</b>	<b>0.034</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:16	1
<b>Selenium</b>	<b>0.0089</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:16	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:16	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>120</b>		10		mg/L			09/26/24 21:14	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>660</b>		10		mg/L			09/15/24 07:25	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>40</b>		2.0		mg/L			09/19/24 13:01	1
<b>Fluoride (SM 4500 F C)</b>	<b>0.36</b>		0.10		mg/L			09/23/24 15:42	1



# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-23**  
Date Collected: 09/12/24 14:18  
Date Received: 09/13/24 09:50

**Lab Sample ID: 500-256375-20**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:30	1
<b>Arsenic</b>	<b>0.0022</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Barium</b>	<b>0.17</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:22	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:30	1
<b>Boron</b>	<b>2.6</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:20	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Calcium</b>	<b>80</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:22	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Cobalt</b>	<b>0.0050</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Lead</b>	<b>0.0014</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 18:22	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Molybdenum</b>	<b>0.024</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:22	1
<b>Selenium</b>	<b>0.0033</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:22	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:22	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:00	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>99</b>		10		mg/L			09/26/24 21:29	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>500</b>		10		mg/L			09/15/24 07:31	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>31</b>		2.0		mg/L			09/19/24 13:01	1
<b>Fluoride (SM 4500 F C)</b>	<b>0.17</b>		0.10		mg/L			09/23/24 15:47	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-18**  
**Date Collected: 09/12/24 12:14**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-21**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:33	1
<b>Arsenic</b>	<b>0.0024</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:25	1
<b>Barium</b>	<b>0.18</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:25	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:33	1
<b>Boron</b>	<b>0.67</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:23	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:25	1
<b>Calcium</b>	<b>140</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:25	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:25	1
<b>Cobalt</b>	<b>0.0015</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:25	1
<b>Lead</b>	<b>0.0022</b>		0.00050		mg/L		09/19/24 09:04	09/23/24 18:25	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:25	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:25	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:25	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:25	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>74</b>		10		mg/L			09/26/24 22:45	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>940</b>		10		mg/L			09/15/24 07:33	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>150</b>		10		mg/L			09/19/24 13:45	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.50</b>		0.10		mg/L			09/23/24 15:52	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-17**

**Lab Sample ID: 500-256375-22**

Date Collected: 09/12/24 11:23

Matrix: Water

Date Received: 09/13/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:35	1
<b>Arsenic</b>	<b>0.0028</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:27	1
<b>Barium</b>	<b>0.025</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:27	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:35	1
<b>Boron</b>	<b>1.0</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:25	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:27	1
<b>Calcium</b>	<b>150</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:27	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:27	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:27	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:27	1
<b>Lithium</b>	<b>0.014</b>		0.010		mg/L		09/19/24 09:04	09/23/24 18:27	1
<b>Molybdenum</b>	<b>0.050</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:27	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:27	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:27	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>560</b>		20		mg/L			09/27/24 00:01	20
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1400</b>		10		mg/L			09/15/24 07:36	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>170</b>		10		mg/L			09/19/24 13:45	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.71</b>		0.10		mg/L			09/23/24 16:05	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-13**

**Lab Sample ID: 500-256375-23**

Date Collected: 09/12/24 10:20

Matrix: Water

Date Received: 09/13/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 13:37	1
<b>Arsenic</b>	<b>0.021</b>		0.0010		mg/L		09/19/24 09:04	09/23/24 18:29	1
<b>Barium</b>	<b>0.11</b>		0.0025		mg/L		09/19/24 09:04	09/23/24 18:29	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 13:37	1
<b>Boron</b>	<b>2.5</b>		0.050		mg/L		09/19/24 09:04	09/26/24 15:27	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:29	1
<b>Calcium</b>	<b>170</b>		0.20		mg/L		09/19/24 09:04	09/23/24 18:29	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 18:29	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 18:29	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 18:29	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 18:29	1
<b>Molybdenum</b>	<b>0.015</b>		0.0050		mg/L		09/19/24 09:04	09/23/24 18:29	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 18:29	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 18:29	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:06	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>400</b>		10		mg/L			09/27/24 00:17	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1400</b>		10		mg/L			09/15/24 07:38	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>130</b>		10		mg/L			09/19/24 13:46	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.45</b>		0.10		mg/L			09/23/24 16:10	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-20**  
**Date Collected: 09/12/24 09:34**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-24**  
**Matrix: Water**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			09/15/24 07:41	1
Chloride (SM 4500 Cl- E)	77		4.0		mg/L			09/19/24 13:46	2
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			09/23/24 16:14	1

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

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-21**

**Lab Sample ID: 500-256375-25**

**Date Collected: 09/12/24 09:05**

**Matrix: Water**

**Date Received: 09/13/24 09:50**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	840		10		mg/L			09/15/24 07:44	1
Chloride (SM 4500 Cl- E)	32		2.0		mg/L			09/19/24 13:02	1
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			09/23/24 16:19	1

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

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-20**  
Date Collected: 09/10/24 09:30  
Date Received: 09/13/24 09:50

**Lab Sample ID: 500-256375-26**  
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/20/24 09:02	09/20/24 18:42	1
<b>Arsenic</b>	<b>0.0011</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:42	1
<b>Barium</b>	<b>0.070</b>		0.0025		mg/L		09/20/24 09:02	09/20/24 18:42	1
Beryllium	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:42	1
<b>Boron</b>	<b>1.8</b>		0.050		mg/L		09/20/24 09:02	09/23/24 12:32	1
Cadmium	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:42	1
<b>Calcium</b>	<b>220</b>		0.20		mg/L		09/20/24 09:02	09/20/24 18:42	1
Chromium	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 18:42	1
<b>Cobalt</b>	<b>0.0011</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:42	1
Lead	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:42	1
Lithium	<0.010		0.010		mg/L		09/20/24 09:02	09/20/24 18:42	1
Molybdenum	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 18:42	1
Selenium	<0.0025		0.0025		mg/L		09/20/24 09:02	09/20/24 18:42	1
Thallium	<0.0020		0.0020		mg/L		09/20/24 09:02	09/20/24 18:42	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:08	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>210</b>		20		mg/L			09/27/24 00:32	20

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-21**

**Lab Sample ID: 500-256375-27**

Date Collected: 09/10/24 08:36

Matrix: Water

Date Received: 09/13/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Arsenic</b>	<b>0.051</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Barium</b>	<b>0.42</b>		0.0025		mg/L		09/20/24 09:02	09/20/24 18:44	1
Beryllium	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Boron</b>	<b>0.39</b>		0.050		mg/L		09/20/24 09:02	09/23/24 12:35	1
Cadmium	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Calcium</b>	<b>190</b>		0.20		mg/L		09/20/24 09:02	09/20/24 18:44	1
Chromium	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Cobalt</b>	<b>0.015</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:44	1
<b>Lead</b>	<b>0.00060</b>		0.00050		mg/L		09/20/24 09:02	09/20/24 18:44	1
Lithium	<0.010		0.010		mg/L		09/20/24 09:02	09/20/24 18:44	1
Molybdenum	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 18:44	1
Selenium	<0.0025		0.0025		mg/L		09/20/24 09:02	09/20/24 18:44	1
Thallium	<0.0020		0.0020		mg/L		09/20/24 09:02	09/20/24 18:44	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9056A)	<1.0		1.0		mg/L			09/27/24 00:47	1



# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-19**

**Lab Sample ID: 500-256375-28**

Date Collected: 09/13/24 08:44

Matrix: Water

Date Received: 09/14/24 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/20/24 09:02	09/20/24 18:46	1
Arsenic	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:46	1
<b>Barium</b>	<b>0.081</b>		0.0025		mg/L		09/20/24 09:02	09/20/24 18:46	1
Beryllium	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:46	1
<b>Boron</b>	<b>2.4</b>		0.050		mg/L		09/20/24 09:02	09/23/24 12:37	1
Cadmium	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:46	1
<b>Calcium</b>	<b>100</b>		0.20		mg/L		09/20/24 09:02	09/20/24 18:46	1
Chromium	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 18:46	1
Cobalt	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:46	1
Lead	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:46	1
Lithium	<0.010		0.010		mg/L		09/20/24 09:02	09/20/24 18:46	1
<b>Molybdenum</b>	<b>0.027</b>		0.0050		mg/L		09/20/24 09:02	09/20/24 18:46	1
<b>Selenium</b>	<b>0.0035</b>		0.0025		mg/L		09/20/24 09:02	09/20/24 18:46	1
Thallium	<0.0020		0.0020		mg/L		09/20/24 09:02	09/20/24 18:46	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:13	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>88</b>		10		mg/L			09/27/24 01:02	10
<b>Total Dissolved Solids (SM 2540C)</b>	<b>600</b>		10		mg/L			09/15/24 07:46	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>39</b>		2.0		mg/L			09/19/24 13:02	1
<b>Fluoride (SM 4500 F C)</b>	<b>0.18</b>		0.10		mg/L			09/23/24 16:34	1

# Client Sample Results

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

Job ID: 500-256375-1

**Client Sample ID: MW-18A**

**Lab Sample ID: 500-256375-30**

Date Collected: 09/12/24 12:33

Matrix: Water

Date Received: 09/14/24 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Arsenic</b>	<b>0.0064</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Barium</b>	<b>0.46</b>		0.0025		mg/L		09/20/24 09:02	09/20/24 18:49	1
Beryllium	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Boron</b>	<b>0.53</b>		0.050		mg/L		09/20/24 09:02	09/23/24 12:39	1
Cadmium	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Calcium</b>	<b>220</b>		0.20		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Chromium</b>	<b>0.011</b>		0.0050		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Cobalt</b>	<b>0.0046</b>		0.0010		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Lead</b>	<b>0.0044</b>		0.00050		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Lithium</b>	<b>0.015</b>		0.010		mg/L		09/20/24 09:02	09/20/24 18:49	1
<b>Molybdenum</b>	<b>0.010</b>		0.0050		mg/L		09/20/24 09:02	09/20/24 18:49	1
Selenium	<0.0025		0.0025		mg/L		09/20/24 09:02	09/20/24 18:49	1
Thallium	<0.0020		0.0020		mg/L		09/20/24 09:02	09/20/24 18:49	1

**Method: SW846 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 07:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Sulfate (SW846 9056A)</b>	<b>270</b>		20		mg/L			09/28/24 11:09	20
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1400</b>		10		mg/L			09/15/24 07:49	1
<b>Chloride (SM 4500 Cl- E)</b>	<b>140</b>		10		mg/L			09/19/24 13:46	5
<b>Fluoride (SM 4500 F C)</b>	<b>0.23</b>		0.10		mg/L			09/23/24 16:39	1

# Definitions/Glossary

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

Job ID: 500-256375-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
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
F1	MS and/or MSD recovery exceeds control limits.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 500-256375-1

## Metals

### Prep Batch: 785476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total Recoverable	Water	3005A	
500-256375-2	MW-14	Total Recoverable	Water	3005A	
500-256375-3	MW-15	Total Recoverable	Water	3005A	
MB 500-785476/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-785476/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

### Analysis Batch: 785902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total Recoverable	Water	6020B	785476
500-256375-2	MW-14	Total Recoverable	Water	6020B	785476
500-256375-3	MW-15	Total Recoverable	Water	6020B	785476
MB 500-785476/1-A	Method Blank	Total Recoverable	Water	6020B	785476
LCS 500-785476/2-A	Lab Control Sample	Total Recoverable	Water	6020B	785476

### Prep Batch: 786842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-4	MW-02	Total Recoverable	Water	3005A	
500-256375-5	MW-03	Total Recoverable	Water	3005A	
500-256375-6	MW-04	Total Recoverable	Water	3005A	
500-256375-7	MW-05	Total Recoverable	Water	3005A	
500-256375-8	MW-06	Total Recoverable	Water	3005A	
500-256375-9	MW-07	Total Recoverable	Water	3005A	
500-256375-10	MW-21D	Total Recoverable	Water	3005A	
500-256375-11	Duplicate	Total Recoverable	Water	3005A	
500-256375-12	MW-12R	Total Recoverable	Water	3005A	
500-256375-13	MW-10	Total Recoverable	Water	3005A	
500-256375-14	MW-01	Total Recoverable	Water	3005A	
500-256375-15	MW-09	Total Recoverable	Water	3005A	
500-256375-16	MW-16	Total Recoverable	Water	3005A	
500-256375-17	MW-08	Total Recoverable	Water	3005A	
500-256375-18	Duplicate	Total Recoverable	Water	3005A	
500-256375-19	MW-22	Total Recoverable	Water	3005A	
500-256375-20	MW-23	Total Recoverable	Water	3005A	
500-256375-21	MW-18	Total Recoverable	Water	3005A	
500-256375-22	MW-17	Total Recoverable	Water	3005A	
500-256375-23	MW-13	Total Recoverable	Water	3005A	
MB 500-786842/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-786842/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-256375-4 MS	MW-02	Total Recoverable	Water	3005A	
500-256375-4 MSD	MW-02	Total Recoverable	Water	3005A	
500-256375-4 DU	MW-02	Total Recoverable	Water	3005A	

### Prep Batch: 787045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-26	MW-20	Total Recoverable	Water	3005A	
500-256375-27	MW-21	Total Recoverable	Water	3005A	
500-256375-28	MW-19	Total Recoverable	Water	3005A	
500-256375-30	MW-18A	Total Recoverable	Water	3005A	
MB 500-787045/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-787045/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Eurofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## Metals

### Analysis Batch: 787251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-26	MW-20	Total Recoverable	Water	6020B	787045
500-256375-27	MW-21	Total Recoverable	Water	6020B	787045
500-256375-28	MW-19	Total Recoverable	Water	6020B	787045
500-256375-30	MW-18A	Total Recoverable	Water	6020B	787045
MB 500-787045/1-A	Method Blank	Total Recoverable	Water	6020B	787045
LCS 500-787045/2-A	Lab Control Sample	Total Recoverable	Water	6020B	787045

### Analysis Batch: 787347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-26	MW-20	Total Recoverable	Water	6020B	787045
500-256375-27	MW-21	Total Recoverable	Water	6020B	787045
500-256375-28	MW-19	Total Recoverable	Water	6020B	787045
500-256375-30	MW-18A	Total Recoverable	Water	6020B	787045

### Analysis Batch: 787453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-4	MW-02	Total Recoverable	Water	6020B	786842
500-256375-5	MW-03	Total Recoverable	Water	6020B	786842
500-256375-6	MW-04	Total Recoverable	Water	6020B	786842
500-256375-7	MW-05	Total Recoverable	Water	6020B	786842
500-256375-8	MW-06	Total Recoverable	Water	6020B	786842
500-256375-9	MW-07	Total Recoverable	Water	6020B	786842
500-256375-10	MW-21D	Total Recoverable	Water	6020B	786842
500-256375-11	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-12	MW-12R	Total Recoverable	Water	6020B	786842
500-256375-13	MW-10	Total Recoverable	Water	6020B	786842
500-256375-14	MW-01	Total Recoverable	Water	6020B	786842
500-256375-15	MW-09	Total Recoverable	Water	6020B	786842
500-256375-16	MW-16	Total Recoverable	Water	6020B	786842
500-256375-17	MW-08	Total Recoverable	Water	6020B	786842
500-256375-18	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-19	MW-22	Total Recoverable	Water	6020B	786842
500-256375-20	MW-23	Total Recoverable	Water	6020B	786842
500-256375-21	MW-18	Total Recoverable	Water	6020B	786842
500-256375-22	MW-17	Total Recoverable	Water	6020B	786842
500-256375-23	MW-13	Total Recoverable	Water	6020B	786842
MB 500-786842/1-A	Method Blank	Total Recoverable	Water	6020B	786842
LCS 500-786842/2-A	Lab Control Sample	Total Recoverable	Water	6020B	786842
500-256375-4 MS	MW-02	Total Recoverable	Water	6020B	786842
500-256375-4 MSD	MW-02	Total Recoverable	Water	6020B	786842
500-256375-4 DU	MW-02	Total Recoverable	Water	6020B	786842

### Analysis Batch: 787678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-4	MW-02	Total Recoverable	Water	6020B	786842
500-256375-5	MW-03	Total Recoverable	Water	6020B	786842
500-256375-6	MW-04	Total Recoverable	Water	6020B	786842
500-256375-7	MW-05	Total Recoverable	Water	6020B	786842
500-256375-8	MW-06	Total Recoverable	Water	6020B	786842
500-256375-9	MW-07	Total Recoverable	Water	6020B	786842
500-256375-10	MW-21D	Total Recoverable	Water	6020B	786842

Eurofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## Metals (Continued)

### Analysis Batch: 787678 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-11	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-12	MW-12R	Total Recoverable	Water	6020B	786842
500-256375-13	MW-10	Total Recoverable	Water	6020B	786842
500-256375-14	MW-01	Total Recoverable	Water	6020B	786842
500-256375-15	MW-09	Total Recoverable	Water	6020B	786842
500-256375-16	MW-16	Total Recoverable	Water	6020B	786842
500-256375-17	MW-08	Total Recoverable	Water	6020B	786842
500-256375-18	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-19	MW-22	Total Recoverable	Water	6020B	786842
500-256375-20	MW-23	Total Recoverable	Water	6020B	786842
500-256375-21	MW-18	Total Recoverable	Water	6020B	786842
500-256375-22	MW-17	Total Recoverable	Water	6020B	786842
500-256375-23	MW-13	Total Recoverable	Water	6020B	786842
MB 500-786842/1-A	Method Blank	Total Recoverable	Water	6020B	786842
LCS 500-786842/2-A	Lab Control Sample	Total Recoverable	Water	6020B	786842
500-256375-4 MS	MW-02	Total Recoverable	Water	6020B	786842
500-256375-4 MSD	MW-02	Total Recoverable	Water	6020B	786842
500-256375-4 DU	MW-02	Total Recoverable	Water	6020B	786842

### Analysis Batch: 787840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-10	MW-21D	Total Recoverable	Water	6020B	786842
500-256375-11	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-12	MW-12R	Total Recoverable	Water	6020B	786842

### Analysis Batch: 788038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-13	MW-10	Total Recoverable	Water	6020B	786842
500-256375-14	MW-01	Total Recoverable	Water	6020B	786842
500-256375-15	MW-09	Total Recoverable	Water	6020B	786842
500-256375-16	MW-16	Total Recoverable	Water	6020B	786842
500-256375-17	MW-08	Total Recoverable	Water	6020B	786842
500-256375-18	Duplicate	Total Recoverable	Water	6020B	786842
500-256375-19	MW-22	Total Recoverable	Water	6020B	786842
500-256375-20	MW-23	Total Recoverable	Water	6020B	786842
500-256375-21	MW-18	Total Recoverable	Water	6020B	786842
500-256375-22	MW-17	Total Recoverable	Water	6020B	786842
500-256375-23	MW-13	Total Recoverable	Water	6020B	786842

### Prep Batch: 788105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	7470A	
500-256375-2	MW-14	Total/NA	Water	7470A	
500-256375-3	MW-15	Total/NA	Water	7470A	
500-256375-4	MW-02	Total/NA	Water	7470A	
500-256375-5	MW-03	Total/NA	Water	7470A	
500-256375-6	MW-04	Total/NA	Water	7470A	
500-256375-7	MW-05	Total/NA	Water	7470A	
500-256375-8	MW-06	Total/NA	Water	7470A	
500-256375-9	MW-07	Total/NA	Water	7470A	
MB 500-788105/12-A	Method Blank	Total/NA	Water	7470A	

Euofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## Metals (Continued)

### Prep Batch: 788105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-788105/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-256375-6 MS	MW-04	Total/NA	Water	7470A	
500-256375-6 MSD	MW-04	Total/NA	Water	7470A	
500-256375-6 DU	MW-04	Total/NA	Water	7470A	

### Prep Batch: 788106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-10	MW-21D	Total/NA	Water	7470A	
500-256375-11	Duplicate	Total/NA	Water	7470A	
500-256375-12	MW-12R	Total/NA	Water	7470A	
500-256375-13	MW-10	Total/NA	Water	7470A	
500-256375-14	MW-01	Total/NA	Water	7470A	
500-256375-15	MW-09	Total/NA	Water	7470A	
500-256375-16	MW-16	Total/NA	Water	7470A	
500-256375-17	MW-08	Total/NA	Water	7470A	
500-256375-18	Duplicate	Total/NA	Water	7470A	
500-256375-19	MW-22	Total/NA	Water	7470A	
MB 500-788106/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-788106/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-256375-15 MS	MW-09	Total/NA	Water	7470A	
500-256375-15 MSD	MW-09	Total/NA	Water	7470A	
500-256375-15 DU	MW-09	Total/NA	Water	7470A	

### Prep Batch: 788343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-20	MW-23	Total/NA	Water	7470A	
500-256375-21	MW-18	Total/NA	Water	7470A	
500-256375-22	MW-17	Total/NA	Water	7470A	
500-256375-23	MW-13	Total/NA	Water	7470A	
500-256375-26	MW-20	Total/NA	Water	7470A	
500-256375-27	MW-21	Total/NA	Water	7470A	
500-256375-28	MW-19	Total/NA	Water	7470A	
500-256375-30	MW-18A	Total/NA	Water	7470A	
MB 500-788343/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-788343/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-256375-28 MS	MW-19	Total/NA	Water	7470A	
500-256375-28 MSD	MW-19	Total/NA	Water	7470A	
500-256375-28 DU	MW-19	Total/NA	Water	7470A	

### Analysis Batch: 788356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	7470A	788105
500-256375-2	MW-14	Total/NA	Water	7470A	788105
500-256375-3	MW-15	Total/NA	Water	7470A	788105
500-256375-4	MW-02	Total/NA	Water	7470A	788105
500-256375-5	MW-03	Total/NA	Water	7470A	788105
500-256375-6	MW-04	Total/NA	Water	7470A	788105
500-256375-7	MW-05	Total/NA	Water	7470A	788105
500-256375-8	MW-06	Total/NA	Water	7470A	788105
500-256375-9	MW-07	Total/NA	Water	7470A	788105
500-256375-10	MW-21D	Total/NA	Water	7470A	788106

Eurofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## Metals (Continued)

### Analysis Batch: 788356 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-11	Duplicate	Total/NA	Water	7470A	788106
500-256375-12	MW-12R	Total/NA	Water	7470A	788106
500-256375-13	MW-10	Total/NA	Water	7470A	788106
500-256375-14	MW-01	Total/NA	Water	7470A	788106
500-256375-15	MW-09	Total/NA	Water	7470A	788106
500-256375-16	MW-16	Total/NA	Water	7470A	788106
500-256375-17	MW-08	Total/NA	Water	7470A	788106
500-256375-18	Duplicate	Total/NA	Water	7470A	788106
500-256375-19	MW-22	Total/NA	Water	7470A	788106
MB 500-788105/12-A	Method Blank	Total/NA	Water	7470A	788105
MB 500-788106/12-A	Method Blank	Total/NA	Water	7470A	788106
LCS 500-788105/13-A	Lab Control Sample	Total/NA	Water	7470A	788105
LCS 500-788106/13-A	Lab Control Sample	Total/NA	Water	7470A	788106
500-256375-6 MS	MW-04	Total/NA	Water	7470A	788105
500-256375-6 MSD	MW-04	Total/NA	Water	7470A	788105
500-256375-15 MS	MW-09	Total/NA	Water	7470A	788106
500-256375-15 MSD	MW-09	Total/NA	Water	7470A	788106
500-256375-6 DU	MW-04	Total/NA	Water	7470A	788105
500-256375-15 DU	MW-09	Total/NA	Water	7470A	788106

### Analysis Batch: 788552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-20	MW-23	Total/NA	Water	7470A	788343
500-256375-21	MW-18	Total/NA	Water	7470A	788343
500-256375-22	MW-17	Total/NA	Water	7470A	788343
500-256375-23	MW-13	Total/NA	Water	7470A	788343
500-256375-26	MW-20	Total/NA	Water	7470A	788343
500-256375-27	MW-21	Total/NA	Water	7470A	788343
500-256375-28	MW-19	Total/NA	Water	7470A	788343
500-256375-30	MW-18A	Total/NA	Water	7470A	788343
MB 500-788343/12-A	Method Blank	Total/NA	Water	7470A	788343
LCS 500-788343/13-A	Lab Control Sample	Total/NA	Water	7470A	788343
500-256375-28 MS	MW-19	Total/NA	Water	7470A	788343
500-256375-28 MSD	MW-19	Total/NA	Water	7470A	788343
500-256375-28 DU	MW-19	Total/NA	Water	7470A	788343

## General Chemistry

### Analysis Batch: 785866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	SM 2540C	
500-256375-2	MW-14	Total/NA	Water	SM 2540C	
500-256375-3	MW-15	Total/NA	Water	SM 2540C	
500-256375-4	MW-02	Total/NA	Water	SM 2540C	
500-256375-5	MW-03	Total/NA	Water	SM 2540C	
500-256375-6	MW-04	Total/NA	Water	SM 2540C	
500-256375-7	MW-05	Total/NA	Water	SM 2540C	
500-256375-8	MW-06	Total/NA	Water	SM 2540C	
500-256375-9	MW-07	Total/NA	Water	SM 2540C	
500-256375-10	MW-21D	Total/NA	Water	SM 2540C	
500-256375-11	Duplicate	Total/NA	Water	SM 2540C	

Euofins Chicago



# QC Association Summary

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

Job ID: 500-256375-1

## General Chemistry (Continued)

### Analysis Batch: 785866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-12	MW-12R	Total/NA	Water	SM 2540C	
500-256375-13	MW-10	Total/NA	Water	SM 2540C	
500-256375-14	MW-01	Total/NA	Water	SM 2540C	
500-256375-15	MW-09	Total/NA	Water	SM 2540C	
500-256375-16	MW-16	Total/NA	Water	SM 2540C	
500-256375-17	MW-08	Total/NA	Water	SM 2540C	
500-256375-18	Duplicate	Total/NA	Water	SM 2540C	
MB 500-785866/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-785866/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-256375-1 DU	MW-11	Total/NA	Water	SM 2540C	

### Analysis Batch: 786105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-19	MW-22	Total/NA	Water	SM 2540C	
500-256375-20	MW-23	Total/NA	Water	SM 2540C	
500-256375-21	MW-18	Total/NA	Water	SM 2540C	
500-256375-22	MW-17	Total/NA	Water	SM 2540C	
500-256375-23	MW-13	Total/NA	Water	SM 2540C	
500-256375-24	MW-20	Total/NA	Water	SM 2540C	
500-256375-25	MW-21	Total/NA	Water	SM 2540C	
500-256375-28	MW-19	Total/NA	Water	SM 2540C	
500-256375-30	MW-18A	Total/NA	Water	SM 2540C	
MB 500-786105/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-786105/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-256375-19 DU	MW-22	Total/NA	Water	SM 2540C	

### Analysis Batch: 786127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-256375-2	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-256375-3	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-256375-4	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-256375-5	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-256375-6	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-256375-7	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-256375-8	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-256375-9	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-256375-10	MW-21D	Total/NA	Water	SM 4500 Cl- E	
500-256375-11	Duplicate	Total/NA	Water	SM 4500 Cl- E	
500-256375-12	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-256375-13	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-256375-14	MW-01	Total/NA	Water	SM 4500 Cl- E	
MB 500-786127/64	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-786127/65	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-256375-14 MS	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-256375-14 MSD	MW-01	Total/NA	Water	SM 4500 Cl- E	

### Analysis Batch: 786738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	SM 4500 F C	
500-256375-2	MW-14	Total/NA	Water	SM 4500 F C	

Eurofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## General Chemistry (Continued)

### Analysis Batch: 786738 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-3	MW-15	Total/NA	Water	SM 4500 F C	
500-256375-4	MW-02	Total/NA	Water	SM 4500 F C	
500-256375-5	MW-03	Total/NA	Water	SM 4500 F C	
500-256375-6	MW-04	Total/NA	Water	SM 4500 F C	
500-256375-7	MW-05	Total/NA	Water	SM 4500 F C	
500-256375-8	MW-06	Total/NA	Water	SM 4500 F C	
500-256375-9	MW-07	Total/NA	Water	SM 4500 F C	
500-256375-10	MW-21D	Total/NA	Water	SM 4500 F C	
500-256375-11	Duplicate	Total/NA	Water	SM 4500 F C	
500-256375-12	MW-12R	Total/NA	Water	SM 4500 F C	
MB 500-786738/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-786738/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

### Analysis Batch: 786921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-15	MW-09	Total/NA	Water	SM 4500 CI- E	
500-256375-16	MW-16	Total/NA	Water	SM 4500 CI- E	
500-256375-17	MW-08	Total/NA	Water	SM 4500 CI- E	
500-256375-18	Duplicate	Total/NA	Water	SM 4500 CI- E	
500-256375-19	MW-22	Total/NA	Water	SM 4500 CI- E	
500-256375-20	MW-23	Total/NA	Water	SM 4500 CI- E	
500-256375-21	MW-18	Total/NA	Water	SM 4500 CI- E	
500-256375-22	MW-17	Total/NA	Water	SM 4500 CI- E	
500-256375-23	MW-13	Total/NA	Water	SM 4500 CI- E	
500-256375-24	MW-20	Total/NA	Water	SM 4500 CI- E	
500-256375-25	MW-21	Total/NA	Water	SM 4500 CI- E	
500-256375-28	MW-19	Total/NA	Water	SM 4500 CI- E	
500-256375-30	MW-18A	Total/NA	Water	SM 4500 CI- E	
MB 500-786921/55	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-786921/56	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	

### Analysis Batch: 787461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-13	MW-10	Total/NA	Water	SM 4500 F C	
500-256375-14	MW-01	Total/NA	Water	SM 4500 F C	
500-256375-15	MW-09	Total/NA	Water	SM 4500 F C	
500-256375-16	MW-16	Total/NA	Water	SM 4500 F C	
500-256375-17	MW-08	Total/NA	Water	SM 4500 F C	
500-256375-18	Duplicate	Total/NA	Water	SM 4500 F C	
500-256375-19	MW-22	Total/NA	Water	SM 4500 F C	
500-256375-20	MW-23	Total/NA	Water	SM 4500 F C	
500-256375-21	MW-18	Total/NA	Water	SM 4500 F C	
500-256375-22	MW-17	Total/NA	Water	SM 4500 F C	
500-256375-23	MW-13	Total/NA	Water	SM 4500 F C	
500-256375-24	MW-20	Total/NA	Water	SM 4500 F C	
500-256375-25	MW-21	Total/NA	Water	SM 4500 F C	
500-256375-28	MW-19	Total/NA	Water	SM 4500 F C	
500-256375-30	MW-18A	Total/NA	Water	SM 4500 F C	
MB 500-787461/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-787461/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-787461/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Eurofins Chicago

# QC Association Summary

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

Job ID: 500-256375-1

## General Chemistry (Continued)

### Analysis Batch: 787461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-787461/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-256375-16 MS	MW-16	Total/NA	Water	SM 4500 F C	
500-256375-16 MSD	MW-16	Total/NA	Water	SM 4500 F C	

### Analysis Batch: 787551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	9056A	
500-256375-2	MW-14	Total/NA	Water	9056A	
500-256375-3	MW-15	Total/NA	Water	9056A	
500-256375-4	MW-02	Total/NA	Water	9056A	
500-256375-5	MW-03	Total/NA	Water	9056A	
500-256375-6	MW-04	Total/NA	Water	9056A	
500-256375-7	MW-05	Total/NA	Water	9056A	
500-256375-8	MW-06	Total/NA	Water	9056A	
500-256375-9	MW-07	Total/NA	Water	9056A	
500-256375-10	MW-21D	Total/NA	Water	9056A	
500-256375-11	Duplicate	Total/NA	Water	9056A	
500-256375-12	MW-12R	Total/NA	Water	9056A	
500-256375-13	MW-10	Total/NA	Water	9056A	
500-256375-14	MW-01	Total/NA	Water	9056A	
500-256375-15	MW-09	Total/NA	Water	9056A	
500-256375-16	MW-16	Total/NA	Water	9056A	
500-256375-17	MW-08	Total/NA	Water	9056A	
500-256375-18	Duplicate	Total/NA	Water	9056A	
500-256375-19	MW-22	Total/NA	Water	9056A	
500-256375-20	MW-23	Total/NA	Water	9056A	
500-256375-21	MW-18	Total/NA	Water	9056A	
500-256375-22	MW-17	Total/NA	Water	9056A	
500-256375-23	MW-13	Total/NA	Water	9056A	
500-256375-26	MW-20	Total/NA	Water	9056A	
500-256375-27	MW-21	Total/NA	Water	9056A	
500-256375-28	MW-19	Total/NA	Water	9056A	
MB 500-787551/3	Method Blank	Total/NA	Water	9056A	
MB 500-787551/33	Method Blank	Total/NA	Water	9056A	
LCS 500-787551/34	Lab Control Sample	Total/NA	Water	9056A	
LCS 500-787551/4	Lab Control Sample	Total/NA	Water	9056A	
500-256375-1 MS	MW-11	Total/NA	Water	9056A	
500-256375-1 MSD	MW-11	Total/NA	Water	9056A	
500-256375-20 MS	MW-23	Total/NA	Water	9056A	
500-256375-20 MSD	MW-23	Total/NA	Water	9056A	
500-256375-21 MS	MW-18	Total/NA	Water	9056A	
500-256375-21 MSD	MW-18	Total/NA	Water	9056A	

### Analysis Batch: 788163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-30	MW-18A	Total/NA	Water	9056A	
MB 500-788163/3	Method Blank	Total/NA	Water	9056A	
LCS 500-788163/4	Lab Control Sample	Total/NA	Water	9056A	
500-256375-30 MS	MW-18A	Total/NA	Water	9056A	
500-256375-30 MSD	MW-18A	Total/NA	Water	9056A	

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: MB 500-785476/1-A**  
**Matrix: Water**  
**Analysis Batch: 785902**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 785476**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030	^1+	0.0030		mg/L		09/11/24 08:59	09/12/24 18:19	1
Arsenic	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:19	1
Barium	<0.0025		0.0025		mg/L		09/11/24 08:59	09/12/24 18:19	1
Beryllium	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:19	1
Boron	<0.050		0.050		mg/L		09/11/24 08:59	09/12/24 18:19	1
Cadmium	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:19	1
Calcium	<0.20		0.20		mg/L		09/11/24 08:59	09/12/24 18:19	1
Chromium	<0.0050		0.0050		mg/L		09/11/24 08:59	09/12/24 18:19	1
Cobalt	<0.0010		0.0010		mg/L		09/11/24 08:59	09/12/24 18:19	1
Lead	<0.00050		0.00050		mg/L		09/11/24 08:59	09/12/24 18:19	1
Lithium	<0.010		0.010		mg/L		09/11/24 08:59	09/12/24 18:19	1
Molybdenum	<0.0050		0.0050		mg/L		09/11/24 08:59	09/12/24 18:19	1
Selenium	<0.0025		0.0025		mg/L		09/11/24 08:59	09/12/24 18:19	1
Thallium	<0.0020		0.0020		mg/L		09/11/24 08:59	09/12/24 18:19	1

**Lab Sample ID: LCS 500-785476/2-A**  
**Matrix: Water**  
**Analysis Batch: 785902**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 785476**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.500	0.500		mg/L		100	80 - 120
Beryllium	0.0500	0.0472		mg/L		94	80 - 120
Boron	1.00	0.952		mg/L		95	80 - 120
Cadmium	0.0500	0.0500		mg/L		100	80 - 120
Calcium	10.0	8.18		mg/L		82	80 - 120
Chromium	0.200	0.199		mg/L		99	80 - 120
Cobalt	0.500	0.513		mg/L		103	80 - 120
Lead	0.100	0.0978		mg/L		98	80 - 120
Lithium	0.100	0.0957		mg/L		96	80 - 120
Molybdenum	1.00	0.971		mg/L		97	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

**Lab Sample ID: MB 500-786842/1-A**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/23/24 17:03	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:03	1
Barium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:03	1
Boron	<0.050		0.050		mg/L		09/19/24 09:04	09/23/24 17:03	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:03	1
Calcium	<0.20		0.20		mg/L		09/19/24 09:04	09/23/24 17:03	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:03	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/23/24 17:03	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/23/24 17:03	1

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: MB 500-786842/1-A**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/23/24 17:03	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/23/24 17:03	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/23/24 17:03	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/23/24 17:03	1

**Lab Sample ID: MB 500-786842/1-A**  
**Matrix: Water**  
**Analysis Batch: 787678**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/24 09:04	09/24/24 12:05	1
Arsenic	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:05	1
Barium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/24/24 12:05	1
Beryllium	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:05	1
Boron	<0.050		0.050		mg/L		09/19/24 09:04	09/24/24 12:05	1
Cadmium	<0.00050		0.00050		mg/L		09/19/24 09:04	09/24/24 12:05	1
Calcium	<0.20		0.20		mg/L		09/19/24 09:04	09/24/24 12:05	1
Chromium	<0.0050		0.0050		mg/L		09/19/24 09:04	09/24/24 12:05	1
Cobalt	<0.0010		0.0010		mg/L		09/19/24 09:04	09/24/24 12:05	1
Lead	<0.00050		0.00050		mg/L		09/19/24 09:04	09/24/24 12:05	1
Lithium	<0.010		0.010		mg/L		09/19/24 09:04	09/24/24 12:05	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/24 09:04	09/24/24 12:05	1
Selenium	<0.0025		0.0025		mg/L		09/19/24 09:04	09/24/24 12:05	1
Thallium	<0.0020		0.0020		mg/L		09/19/24 09:04	09/24/24 12:05	1

**Lab Sample ID: LCS 500-786842/2-A**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.480		mg/L		96	80 - 120
Arsenic	0.100	0.0936		mg/L		94	80 - 120
Barium	0.500	0.482		mg/L		96	80 - 120
Boron	1.00	0.945		mg/L		95	80 - 120
Cadmium	0.0500	0.0481		mg/L		96	80 - 120
Calcium	10.0	8.17		mg/L		82	80 - 120
Chromium	0.200	0.193		mg/L		96	80 - 120
Cobalt	0.500	0.519		mg/L		104	80 - 120
Lead	0.100	0.0971		mg/L		97	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.950		mg/L		95	80 - 120
Selenium	0.100	0.0937		mg/L		94	80 - 120
Thallium	0.100	0.0994		mg/L		99	80 - 120

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: LCS 500-786842/2-A**  
**Matrix: Water**  
**Analysis Batch: 787678**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Antimony	0.500	0.512		mg/L		102	80 - 120	
Arsenic	0.100	0.102		mg/L		102	80 - 120	
Barium	0.500	0.506		mg/L		101	80 - 120	
Beryllium	0.0500	0.0540		mg/L		108	80 - 120	
Boron	1.00	1.02		mg/L		102	80 - 120	
Cadmium	0.0500	0.0519		mg/L		104	80 - 120	
Calcium	10.0	8.81		mg/L		88	80 - 120	
Chromium	0.200	0.210		mg/L		105	80 - 120	
Cobalt	0.500	0.533		mg/L		107	80 - 120	
Lead	0.100	0.105		mg/L		105	80 - 120	
Lithium	0.100	0.108		mg/L		108	80 - 120	
Molybdenum	1.00	0.998		mg/L		100	80 - 120	
Selenium	0.100	0.102		mg/L		102	80 - 120	
Thallium	0.100	0.107		mg/L		107	80 - 120	

**Lab Sample ID: 500-256375-4 MS**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Arsenic	<0.0010		0.100	0.0956		mg/L		95	75 - 125	
Barium	0.093		0.500	0.567		mg/L		95	75 - 125	
Boron	3.9		1.00	4.95		mg/L		103	75 - 125	
Cadmium	<0.00050		0.0500	0.0479		mg/L		96	75 - 125	
Calcium	110		10.0	122	4	mg/L		83	75 - 125	
Chromium	<0.0050		0.200	0.187		mg/L		94	75 - 125	
Cobalt	<0.0010		0.500	0.491		mg/L		98	75 - 125	
Lead	<0.00050		0.100	0.0955		mg/L		95	75 - 125	
Lithium	<0.010		0.100	0.103		mg/L		98	75 - 125	
Molybdenum	<0.0050		1.00	0.962		mg/L		96	75 - 125	
Selenium	<0.0025		0.100	0.0958		mg/L		94	75 - 125	
Thallium	<0.0020		0.100	0.0993		mg/L		99	75 - 125	

**Lab Sample ID: 500-256375-4 MS**  
**Matrix: Water**  
**Analysis Batch: 787678**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.0030		0.500	0.514		mg/L		103	75 - 125	
Beryllium	<0.0010		0.0500	0.0504		mg/L		101	75 - 125	

**Lab Sample ID: 500-256375-4 MSD**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Arsenic	<0.0010		0.100	0.0971		mg/L		96	75 - 125	2	20	
Barium	0.093		0.500	0.572		mg/L		96	75 - 125	1	20	
Boron	3.9		1.00	5.06		mg/L		113	75 - 125	2	20	

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: 500-256375-4 MSD**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Cadmium	<0.00050		0.0500	0.0485		mg/L		97	75 - 125	1	20
Calcium	110		10.0	123	4	mg/L		98	75 - 125	1	20
Chromium	<0.0050		0.200	0.189		mg/L		94	75 - 125	1	20
Cobalt	<0.0010		0.500	0.497		mg/L		99	75 - 125	1	20
Lead	<0.00050		0.100	0.0967		mg/L		97	75 - 125	1	20
Lithium	<0.010		0.100	0.103		mg/L		98	75 - 125	0	20
Molybdenum	<0.0050		1.00	0.967		mg/L		97	75 - 125	0	20
Selenium	<0.0025		0.100	0.0974		mg/L		95	75 - 125	2	20
Thallium	<0.0020		0.100	0.0998		mg/L		100	75 - 125	1	20

**Lab Sample ID: 500-256375-4 MSD**  
**Matrix: Water**  
**Analysis Batch: 787678**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Antimony	<0.0030		0.500	0.519		mg/L		104	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0504		mg/L		101	75 - 125	0	20

**Lab Sample ID: 500-256375-4 DU**  
**Matrix: Water**  
**Analysis Batch: 787453**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.093		0.0962		mg/L		3	20
Boron	3.9		4.01		mg/L		2	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	110		116		mg/L		2	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

**Lab Sample ID: 500-256375-4 DU**  
**Matrix: Water**  
**Analysis Batch: 787678**

**Client Sample ID: MW-02**  
**Prep Type: Total Recoverable**  
**Prep Batch: 786842**

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20

**Lab Sample ID: MB 500-787045/1-A**  
**Matrix: Water**  
**Analysis Batch: 787251**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 787045**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		09/20/24 09:02	09/20/24 17:54	1

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: MB 500-787045/1-A**  
**Matrix: Water**  
**Analysis Batch: 787251**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 787045**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 17:54	1
Barium	<0.0025		0.0025		mg/L		09/20/24 09:02	09/20/24 17:54	1
Beryllium	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 17:54	1
Boron	<0.050		0.050		mg/L		09/20/24 09:02	09/20/24 17:54	1
Cadmium	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 17:54	1
Calcium	<0.20		0.20		mg/L		09/20/24 09:02	09/20/24 17:54	1
Chromium	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 17:54	1
Cobalt	<0.0010		0.0010		mg/L		09/20/24 09:02	09/20/24 17:54	1
Lead	<0.00050		0.00050		mg/L		09/20/24 09:02	09/20/24 17:54	1
Lithium	<0.010		0.010		mg/L		09/20/24 09:02	09/20/24 17:54	1
Molybdenum	<0.0050		0.0050		mg/L		09/20/24 09:02	09/20/24 17:54	1
Selenium	<0.0025		0.0025		mg/L		09/20/24 09:02	09/20/24 17:54	1
Thallium	<0.0020		0.0020		mg/L		09/20/24 09:02	09/20/24 17:54	1

**Lab Sample ID: LCS 500-787045/2-A**  
**Matrix: Water**  
**Analysis Batch: 787251**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 787045**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.489		mg/L		98	80 - 120
Arsenic	0.100	0.0933		mg/L		93	80 - 120
Barium	0.500	0.490		mg/L		98	80 - 120
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Calcium	10.0	8.79		mg/L		88	80 - 120
Chromium	0.200	0.203		mg/L		101	80 - 120
Cobalt	0.500	0.525		mg/L		105	80 - 120
Lead	0.100	0.0986		mg/L		99	80 - 120
Lithium	0.100	0.107		mg/L		107	80 - 120
Molybdenum	1.00	0.948		mg/L		95	80 - 120
Selenium	0.100	0.0936		mg/L		94	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 500-788105/12-A**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 788105**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 08:34	1

**Lab Sample ID: LCS 500-788105/13-A**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 788105**

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

Euofins Chicago



# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: 500-256375-6 MS**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-04**  
**Prep Type: Total/NA**  
**Prep Batch: 788105**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00100		mg/L		100	75 - 125

**Lab Sample ID: 500-256375-6 MSD**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-04**  
**Prep Type: Total/NA**  
**Prep Batch: 788105**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000988		mg/L		99	75 - 125	1	20

**Lab Sample ID: 500-256375-6 DU**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-04**  
**Prep Type: Total/NA**  
**Prep Batch: 788105**

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

**Lab Sample ID: MB 500-788106/12-A**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 788106**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/27/24 12:05	09/30/24 07:38	1

**Lab Sample ID: LCS 500-788106/13-A**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 788106**

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

**Lab Sample ID: 500-256375-15 MS**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-09**  
**Prep Type: Total/NA**  
**Prep Batch: 788106**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00102		mg/L		102	75 - 125

**Lab Sample ID: 500-256375-15 MSD**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-09**  
**Prep Type: Total/NA**  
**Prep Batch: 788106**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.00101		mg/L		101	75 - 125	1	20

**Lab Sample ID: 500-256375-15 DU**  
**Matrix: Water**  
**Analysis Batch: 788356**

**Client Sample ID: MW-09**  
**Prep Type: Total/NA**  
**Prep Batch: 788106**

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

Euofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 500-788343/12-A**  
**Matrix: Water**  
**Analysis Batch: 788552**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 788343**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/30/24 11:45	10/01/24 06:56	1

**Lab Sample ID: LCS 500-788343/13-A**  
**Matrix: Water**  
**Analysis Batch: 788552**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 788343**

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

**Lab Sample ID: 500-256375-28 MS**  
**Matrix: Water**  
**Analysis Batch: 788552**

**Client Sample ID: MW-19**  
**Prep Type: Total/NA**  
**Prep Batch: 788343**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000963		mg/L		96	75 - 125

**Lab Sample ID: 500-256375-28 MSD**  
**Matrix: Water**  
**Analysis Batch: 788552**

**Client Sample ID: MW-19**  
**Prep Type: Total/NA**  
**Prep Batch: 788343**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000935		mg/L		94	75 - 125	3	20

**Lab Sample ID: 500-256375-28 DU**  
**Matrix: Water**  
**Analysis Batch: 788552**

**Client Sample ID: MW-19**  
**Prep Type: Total/NA**  
**Prep Batch: 788343**

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

## Method: 9056A - Anions, Ion Chromatography

**Lab Sample ID: MB 500-787551/3**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			09/26/24 14:39	1

**Lab Sample ID: MB 500-787551/33**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			09/26/24 22:15	1

# QC Sample Results

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

Job ID: 500-256375-1

## Method: 9056A - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 500-787551/34**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.8		mg/L		104	80 - 120

**Lab Sample ID: LCS 500-787551/4**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.6		mg/L		103	80 - 120

**Lab Sample ID: 500-256375-1 MS**  
**Matrix: Water**  
**Analysis Batch: 787551**

**Client Sample ID: MW-11**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	82		100	178		mg/L		96	80 - 120

**Lab Sample ID: 500-256375-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 787551**

**Client Sample ID: MW-11**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Sulfate	82		100	169		mg/L		87	80 - 120	5	15

**Lab Sample ID: 500-256375-20 MS**  
**Matrix: Water**  
**Analysis Batch: 787551**

**Client Sample ID: MW-23**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	99		100	196		mg/L		97	80 - 120

**Lab Sample ID: 500-256375-20 MSD**  
**Matrix: Water**  
**Analysis Batch: 787551**

**Client Sample ID: MW-23**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Sulfate	99		100	191		mg/L		92	80 - 120	3	15

**Lab Sample ID: 500-256375-21 MS**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	74		100	173		mg/L		100	80 - 120

**Lab Sample ID: 500-256375-21 MSD**  
**Matrix: Water**  
**Analysis Batch: 787551**

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Sulfate	74		100	175		mg/L		101	80 - 120	1	15

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

## Method: 9056A - Anions, Ion Chromatography

**Lab Sample ID: MB 500-788163/3**  
**Matrix: Water**  
**Analysis Batch: 788163**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			09/28/24 10:38	1

**Lab Sample ID: LCS 500-788163/4**  
**Matrix: Water**  
**Analysis Batch: 788163**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.6		mg/L		103	80 - 120

**Lab Sample ID: 500-256375-30 MS**  
**Matrix: Water**  
**Analysis Batch: 788163**

**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	270		200	465		mg/L		98	80 - 120

**Lab Sample ID: 500-256375-30 MSD**  
**Matrix: Water**  
**Analysis Batch: 788163**

**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	270		200	467		mg/L		99	80 - 120	0	15

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

**Lab Sample ID: MB 500-785866/1**  
**Matrix: Water**  
**Analysis Batch: 785866**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/13/24 00:02	1

**Lab Sample ID: LCS 500-785866/2**  
**Matrix: Water**  
**Analysis Batch: 785866**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	270		mg/L		108	80 - 120

**Lab Sample ID: 500-256375-1 DU**  
**Matrix: Water**  
**Analysis Batch: 785866**

**Client Sample ID: MW-11**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	700		738		mg/L		5	5

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-1

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

**Lab Sample ID: MB 500-786105/1**  
**Matrix: Water**  
**Analysis Batch: 786105**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/15/24 07:13	1

**Lab Sample ID: LCS 500-786105/2**  
**Matrix: Water**  
**Analysis Batch: 786105**

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

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

**Lab Sample ID: 500-256375-19 DU**  
**Matrix: Water**  
**Analysis Batch: 786105**

**Client Sample ID: MW-22**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	660		666		mg/L		2	5

## Method: SM 4500 Cl- E - Chloride, Total

**Lab Sample ID: MB 500-786127/64**  
**Matrix: Water**  
**Analysis Batch: 786127**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/15/24 13:59	1

**Lab Sample ID: LCS 500-786127/65**  
**Matrix: Water**  
**Analysis Batch: 786127**

**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	19.5		mg/L		98	85 - 115

**Lab Sample ID: 500-256375-14 MS**  
**Matrix: Water**  
**Analysis Batch: 786127**

**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
Chloride	61	F1	20.0	75.7	F1	mg/L		72	75 - 125

**Lab Sample ID: 500-256375-14 MSD**  
**Matrix: Water**  
**Analysis Batch: 786127**

**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
Chloride	61	F1	20.0	76.0	F1	mg/L		73	75 - 125	0	20

# QC Sample Results

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

Job ID: 500-256375-1

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

Lab Sample ID: MB 500-786921/55  
Matrix: Water  
Analysis Batch: 786921

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/19/24 12:59	1

Lab Sample ID: LCS 500-786921/56  
Matrix: Water  
Analysis Batch: 786921

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

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

## Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-786738/31  
Matrix: Water  
Analysis Batch: 786738

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			09/18/24 14:20	1

Lab Sample ID: LCS 500-786738/32  
Matrix: Water  
Analysis Batch: 786738

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	9.42		mg/L		94	90 - 119

Lab Sample ID: MB 500-787461/3  
Matrix: Water  
Analysis Batch: 787461

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			09/23/24 14:03	1

Lab Sample ID: MB 500-787461/31  
Matrix: Water  
Analysis Batch: 787461

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			09/23/24 16:24	1

Lab Sample ID: LCS 500-787461/32  
Matrix: Water  
Analysis Batch: 787461

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	9.43		mg/L		94	90 - 119

# QC Sample Results

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

Job ID: 500-256375-1

## Method: SM 4500 F C - Fluoride (Continued)

**Lab Sample ID: LCS 500-787461/4**  
**Matrix: Water**  
**Analysis Batch: 787461**

**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: 500-256375-16 MS**  
**Matrix: Water**  
**Analysis Batch: 787461**

**Client Sample ID: MW-16**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.10		5.00	5.03		mg/L		99	75 - 125

**Lab Sample ID: 500-256375-16 MSD**  
**Matrix: Water**  
**Analysis Batch: 787461**

**Client Sample ID: MW-16**  
**Prep Type: Total/NA**


Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.10		5.00	5.02		mg/L		98	75 - 125	0	20

**Eurofins Chicago**

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

**Chain of Custody Record**

eurofins | Environment Testing

<b>Client Information</b>		Sampler Nicole Korva / Jack Misner		Lab PM Mockler, Diana J		Carrier Tracking No(s):		COC No. 500-126837-49657 2	
Client Contact: Kaelyn Sperle		Phone 262-622-1143		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin. IL		Page: Page 2 of 3	
Company: KPRG and Associates, Inc.				PWSID		<b>Analysis Requested</b>			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested STANDARD		Field Filtered Sample (Yes or No) Perform MS/MSB (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE SM4500_SO4_E - Sulfate		500-256375 COC 		Job #: 500-256375	
City: Brookfield		TAT Requested (days) STANDARD						Preservation Codes: D - HNO3 N - None	
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						Other:	
Phone: 262-781-0475(Tel)		PO #: 4502160845						Special Instructions/Note:	
Email: kaelyns@kprginc.com		WO #:							
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project #: 60011612							
Site: Illinois		SSOW#:							
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=Comp, G=grab)</b>		<b>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</b>	
								Total Number of Containers	
								Preservation Code	
MW-12								Water	
1 MW-13		9/9/24		1413		G		Water	
2 MW-14		9/9/24		1205		G		Water	
3 MW-15		9/9/24		1209		G		Water	
MW-16								Water	
MW-17								Water	
MW-18								Water	
MW-19								Water	
MW-20								Water	
MW-21								Water	
MW-21D								Water	
<b>Possible Hazard Identification</b>					<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>				
<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 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: Nicole Korva			Date/Time: 9/9/24		Company		Received by: Stephanie Hernandez		
Relinquished by:			Date/Time:		Company		Received by:		
Relinquished by:			Date/Time:		Company		Received by:		
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 6.0459					





**Eurofins Chicago**

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

**Chain of Custody Record**


eurofins | Environment Testing

<b>Client Information</b>		Sampler: <u>Nikole Korona / Jack Mysner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-126837-49657 1		
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>202-622-7143</u>		E-Mail: <u>Diana.Mockler@et.eurofins.com</u>		State of Origin: <u>IL</u>		Page: Page 1 of 3		
Company: <u>KPRG and Associates, Inc.</u>		PWSID:		<b>Analysis Requested</b>					Job #: <u>500-256375</u>	
Address: <u>14685 West Lisbon Road, Suite 1A</u>		Due Date Requested: <u>STANDARD</u>							Field Filtered Sample (Yes or No) Perform HPL/MSD (Yes or No)	
City: <u>Brookfield</u>		TAT Requested (days): <u>STANDARD</u>		Other:						
State, Zip: <u>WI, 53005</u>		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		Total Number of Containers:						
Phone: <u>262-781-0475 (Tel)</u>		PO #: <u>4502160845</u>		Special Instructions/Note:						
Email: <u>kaelyns@kprginc.com</u>		WO #:		Sample Identification						
Project Name: <u>Powerton CCR Event Desc Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>		Sample Date						
Site: <u>Illinois</u>		SSOW#:		Sample Time						
				Sample Type (C=comp, G=grab)						
				Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)						
				Preservation Code						
				D D N N						
				MW-01 Water						
4 MW-02		9/10/24 1315 G Water		N N X X X X						
5 MW-03		9/10/24 1437 G Water		N N X X X X						
6 MW-04		9/10/24 1544 G Water		N N X X X X						
7 MW-05		9/10/24 1548 G Water		N N X X X X						
8 MW-06		9/10/24 1108 G Water		N N X X X X						
9 MW-07		9/10/24 1013 G Water		N N X X X X						
10 <del>MW-08</del> MW-21D		9/10/24 0902 G Water		N N X X X X						
11 <del>MW-09</del> Duplicate 2		9/10/24 - G Water		N N X X X X						
MW-10										
MW-11										
<b>Possible Hazard Identification</b>					<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>					
<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>Nikole Korona</u>		Date/Time: <u>9/10/24 1730</u>		Company: <u>KPRG</u>		Received by: <u>Stephanie Hernandez</u>		Date/Time: <u>9/11/24 0935</u>		Company: <u>EEHA</u>
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>1.3+1.2, 2.4+2.3</u>						

**Eurofins Chicago**

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

**Chain of Custody Record**


<b>Client Information</b>		Sampler <i>Nicole Kistner / Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-126837-49657 2				
Client Contact Kaelyn Sperle		Phone <i>262-602-1143</i>		E-Mail Diana.Mockler@eurofinsus.com		State of Origin <i>IL</i>		Page Page 2 of 3				
Company KPRG and Associates, Inc.		PWSID:		<b>Analysis Requested</b>					Job # <i>500-256375</i>			
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested <i>standard</i>							Preservation Codes D HNO3 N None			
City Brookfield		TAT Requested (days) <i>standard</i>		Field Filtered Samples (Yes or No) Perform MS/MS (Yes or No)		Total Number of Containers		 500-256375 COC Other				
State Zip: WI, 53005		Compliance Project Δ Yes Δ No										
Phone 262-781-0475(Tel)		PO #. 4502160845		903.0, 904.0		6020A, 7470A		2540C, 4500_F_C, SM4500_CLE				
Email kaelyns@kprginc.com		WO #.		SM4500_SO4_E - Sulfate								
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project # 50011612										
Site Illinois		SSOW#										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oi, BT=Tissue, A=Air)					Special Instructions/Note:		
						Preservation Code:						
<i>12</i>	MW-12R	9/11/24	1514	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>13</i>	MW-13 mw-10	9/11/24	1358	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>14</i>	MW-14 mw 02	9/11/24	1229	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>15</i>	MW-15 mw-09	9/11/24	0838	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>16</i>	MW-16	9/11/24	1000	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>17</i>	MW-17 mw-08	9/11/24	1121	G <sub>1</sub>	Water	N	N	X	X	X	X	
<i>18</i>	MW-18 Duplicate 2	9/11/24	-	G <sub>1</sub>	Water	N	N	X	X	X	X	
	MW-19				Water							
	MW-20				Water							
	MW-21				Water							
	MW-21D				Water							
<b>Possible Hazard Identification</b> <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						<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month )</b> <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>Nicole Kistner</i>		Date/Time <i>9/11/24 1645</i>		Company <i>KPRG</i>		Received by <i>Stephanie Hemminger</i>		Date/Time <i>9/12/24 0930</i>		Company <i>EETIA</i>		
Relinquished by		Date/Time		Company		Received by		Date/Time		Company		
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>8.4 + 8.1, 0.8 + 0.7</i>						

**Eurofins Chicago**

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

**Chain of Custody Record**

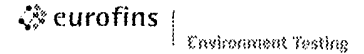
eurofins | Environment Testing

<b>Client Information</b>		Sampler: Nicole Kovna/Jack Misner		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 600-126837-49657 3																																																																																																																																												
Client Contact: Kaelyns Sperle		Phone: 262-622-1143		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin: IL		Page: Page 3 of 3																																																																																																																																												
Company: KPRG and Associates, Inc.		PWSID		<b>Analysis Requested</b>						Job #: 500-256375																																																																																																																																										
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested: STANDARD		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Perform MS/MSD (Yes or No)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>903.0, 904.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8020A, 7470A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2540C, 4500_F_C, SM4500_CL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SM4500_SO4_E - Sulfate</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)																						Perform MS/MSD (Yes or No)																							903.0, 904.0																							8020A, 7470A																							2540C, 4500_F_C, SM4500_CL																							SM4500_SO4_E - Sulfate																							Preservation Codes: D - HNO3 N - None	
Field Filtered Sample (Yes or No)																																																																																																																																																				
Perform MS/MSD (Yes or No)																																																																																																																																																				
903.0, 904.0																																																																																																																																																				
8020A, 7470A																																																																																																																																																				
2540C, 4500_F_C, SM4500_CL																																																																																																																																																				
SM4500_SO4_E - Sulfate																																																																																																																																																				
City: Brookfield		TAT Requested (days): STANDARD		 <p>500-256375 COC</p>						Other:																																																																																																																																										
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								PO #: 4502160845		WO #:																																																																																																																																								
Phone: 262-781-0475(Tel)		Project #: 60011612								SSOW#:																																																																																																																																										
Email: kaelyns@kprginc.com		Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling								Site: Illinois																																																																																																																																										
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=Comp, G=grab)</b>		<b>Matrix (W=water, S=solid, O=wastefoil, ST=Tissue, A=Air)</b>		<b>Special Instructions/Note:</b>																																																																																																																																										
19 MW-22		9/12/24		1331		G		Water																																																																																																																																												
20 MW-23		9/12/24		1418		G		Water																																																																																																																																												
21 Duplicate 1 mw-18		9/12/24		1214		G		Water																																																																																																																																												
22 Duplicate 2 mw-17		9/12/24		1123		G		Water																																																																																																																																												
23 mw-13		9/12/24		1020		G		Water																																																																																																																																												
24 mw-20		9/12/24		0934		G		water																																																																																																																																												
25 mw-21		9/12/24		0905		G		water																																																																																																																																												
26 mw-20		9/10/24		0930		G		water																																																																																																																																												
27 mw-21		9/10/24		0836		G		water																																																																																																																																												
<b>Possible Hazard Identification</b>						<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>																																																																																																																																														
<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>Nicole Kovna</i>		Date/Time: 9/12/24 1530		Company: KPRG		Received by: <i>Stephanie Hernandez</i>		Date/Time: 9/13/24 0952		Company: EETA																																																																																																																																										
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																																																																																																																										
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																																																																																																																										
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 1.3+1.2, 5.2+5.1, 3.3+3.2																																																																																																																																																

**Eurofins Chicago**

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

**Chain of Custody Record**



<b>Client Information</b>		Sampler <i>Nicole Kuny / Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-126837-49657 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 Page 3 of 3			
Company KPRG and Associates, Inc.		PWSID		<b>Analysis Requested</b>						Job # <i>500-256375</i>	
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested <i>Standard</i>		TAT Requested (days) <i>Standard</i>		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #: 4502160845		WO #:	
City Brookfield		Project #: 50011612		Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		SSOW#		Site Illinois		Preservation Codes D HNO3 N None	
State Zip WI, 53005		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Special Instructions/Note:	
Phone 262-781-0475(Tel)		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	
Email kaelyns@kprginc.com		Preservation Code:		D		D		N		N	
Project Name		28 <del>MW-22</del> MW-19		9/13/24		844		G		Water	
Site		29 MW-28 MW-18A		9/13/24		913		G		Water	
Other		30 Duplicate 1 MW-18A		9/12/24		1233		G		Water	
Total Number of Containers		Duplicate 2									
500-256375 COC											
QR Code											
Other											
Special Instructions/Note:											
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 B</i>		Date/Time <i>9/13/24 1100</i>		Company <i>KPRG</i>		Received by <i>FedEx</i>		Date/Time <i>9/13/24 1100</i>		Company <i>FedEx</i>	
Relinquished by		Date/Time		Company		Received by <i>Stephanie Hemondex</i>		Date/Time <i>9/14/24 1025</i>		Company <i>EETIA</i>	
Relinquished by		Date/Time		Company		Received by		Date/Time		Company	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks		<i>2.5+2.4</i>					



KALYN SPERLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ACLING: 25.00 LB MAN  
CAD: 07803077/CAFE3808

P 11  
489 34 MTR EX  
585C74FF6/CCE4



500-256375 Waybi

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

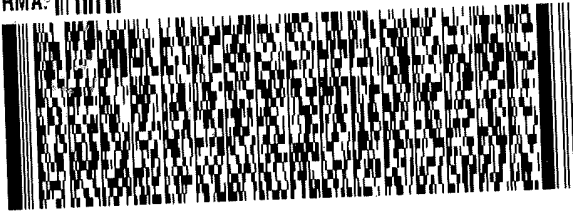
**UNIVERSITY PARK IL 60484**

(708) 684-6200  
INU:  
PO:

REF:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



J241D2311231L1231UN

FedEx  
TRK# 4051 7963 0351  
0221

**TUE - 10 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

480

60484  
IL-US ORD

EXP 07/25



10

11

12

13

KARELYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

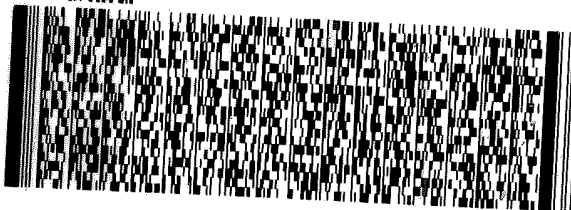
HL1WG1: 23.00 LB TRIM  
CAD: 0780307/CAFE3808

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200  
INU: REF:  
PO: DEPT:

RMA: ||| |||



20 EXE ALM 158-8088-1  
SRCC2/AFRQ/CACA



KARELYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

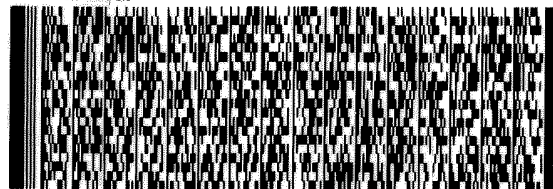
HL1WG1: 23.00 LB TRIM  
CAD: 0780307/CAFE3808

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200  
INU: REF:  
PO: DEPT:

RMA: ||| |||



4 MTRM 0 5 \*\*  
SRCC2/AFRQ/CACA

500-256375 Waybi

1371.2

TRK# 0221 4051 7963 0384

RETURNS MON-SAT  
PRIORITY OVERNIGHT

FedEx  
TRK# 0221 4051 7963 0384

WED - 11 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

48QT 60484  
IL-US ORD



A 0384 09.11

TRK# 0221 4051 7963 0373

RETURNS MON-SAT  
PRIORITY OVERNIGHT

FedEx  
TRK# 0221 4051 7963 0373

WED - 11 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

48QT 60484  
IL-US ORD



A 0373 09.11



500-256375 Waybr

KAELEYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ALWGT: 25.00 LB MM  
CAD: 0780307/CAFE3808

Pat 15946 434 MTTW EXP 02/25  
SASCC2/4FF/253

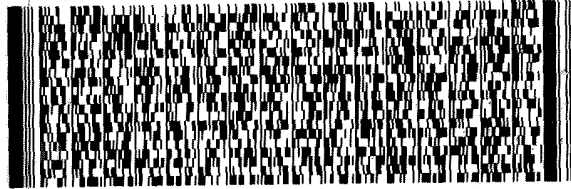
TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

*Handwritten signature*

**UNIVERSITY PARK IL 60484**

(708) 534-5200 REF:  
INO: DEPT:

RMA: [Barcode]



FedEx  
Express



022115201127

FedEx  
TRK# 4051 7963 0410  
0221

THU - 12 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

*48QT*

60484  
IL-US ORD

Pat 15946 434 MTTW EXP 07/25



KAELEYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ALWGT: 25.00 LB MM  
CAD: 0780307/CAFE3808

Pat 15946 434 MTTW EXP 02/25  
SASCC2/4FF/253

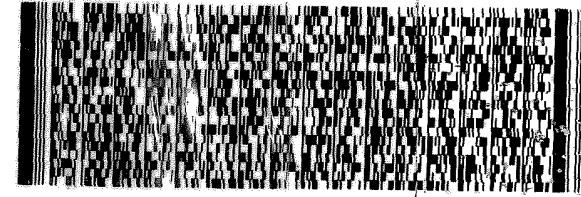
TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

*Handwritten signature*

**UNIVERSITY PARK IL 60484**

(708) 534-5200 REF:  
INO: DEPT:

RMA: [Barcode]



FedEx  
Express



022115201127

FedEx  
TRK# 4051 7963 0421  
0221

THU - 12 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

*48QT*

60484  
IL-US ORD

Pat 15946 434 MTTW EXP 07/25



KHELTN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

PL INGT: 23.00 LB FINN  
CAD: 0780307/CAFE3808

Part # 139168 46 NTW EXP 02/25

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**


(708) 534-5200

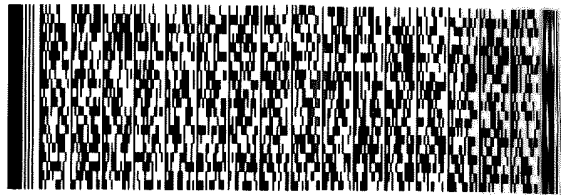
REF:

INU:

PO:

DEPT:

RMA: 



1241023112201UK

TRK# 1051 7062 0165

FedEx

TRK#

0221

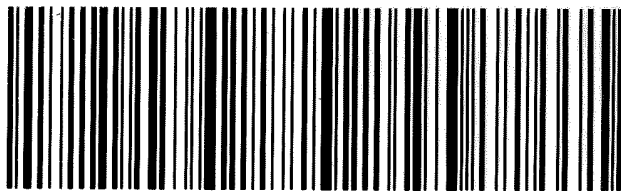
4051 7963 0465

**RETURNS MON - SAT**  
**PRIORITY OVERNIGHT**  
**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

60484

IL-US ORD



583J2/4EF9/9AE3

KHELTN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

PL INGT: 23.00 LB FINN  
CAD: 0780307



TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

500-256375 Waybi

**UNIVERSITY PARK IL 60484**


(708) 534-5200

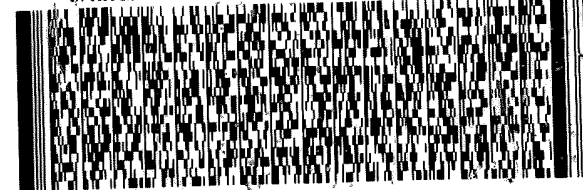
REF:

INU:

PO:

DEPT:

RMA: 



1241023112201UK

TRK#

FedEx

TRK#

0221

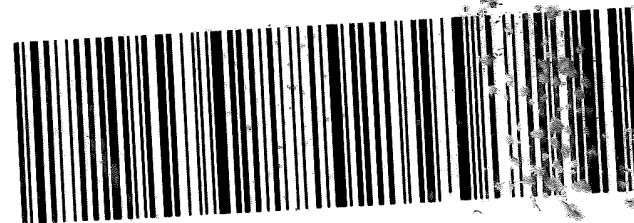
4051 7963 0454

**RETURNS MON - SAT**  
**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

60484

IL-US ORD



583J2/4EF9/9AE3

3 48at



KRELYN SPERLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

HL  
CAD.

ST 22  
RT 519

583C2/4EF9/9AEB  
349 39P  
434 41W FXF 01

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

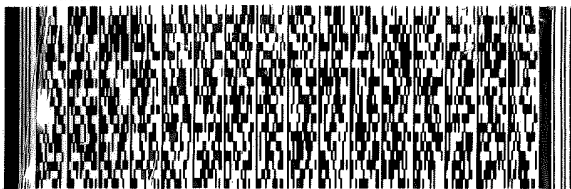
(708) 534-5200

REF:

INVT  
PO:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



J241023112201uy

**FedEx**  
TRK#  
0221 4051 7963 0432

**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

**60484**  
IL-US **ORD**

EXP 07/25



583J2/4EF9/9AEB

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

# Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-1

**Login Number: 256375**

**List Source: Eurofins Chicago**

**List Number: 1**

**Creator: Hernandez, Stephanie**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	5.9,1.2,2.3,8.1,0.7,1.2,5.1,3.2,2.4
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	

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-11**  
**Date Collected: 09/09/24 14:13**  
**Date Received: 09/10/24 09:55**

**Lab Sample ID: 500-256375-1**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			785476	BDE	EET CHI	09/11/24 08:59 - 09/11/24 14:59 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	785902	RN	EET CHI	09/12/24 18:44
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:40
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 15:10
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:14
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:24
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 15:38

**Client Sample ID: MW-14**  
**Date Collected: 09/09/24 12:05**  
**Date Received: 09/10/24 09:55**

**Lab Sample ID: 500-256375-2**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			785476	BDE	EET CHI	09/11/24 08:59 - 09/11/24 14:59 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	785902	RN	EET CHI	09/12/24 18:46
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:43
Total/NA	Analysis	9056A		100	787551	W1T	EET CHI	09/26/24 15:55
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:20
Total/NA	Analysis	SM 4500 CI- E		5	786127	TR	EET CHI	09/15/24 14:44
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 15:43

**Client Sample ID: MW-15**  
**Date Collected: 09/09/24 13:07**  
**Date Received: 09/10/24 09:55**

**Lab Sample ID: 500-256375-3**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			785476	BDE	EET CHI	09/11/24 08:59 - 09/11/24 14:59 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	785902	RN	EET CHI	09/12/24 18:48
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:45
Total/NA	Analysis	9056A		20	787551	W1T	EET CHI	09/26/24 16:11
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:22
Total/NA	Analysis	SM 4500 CI- E		10	786127	TR	EET CHI	09/15/24 14:44
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 15:48

**Client Sample ID: MW-02**  
**Date Collected: 09/10/24 13:15**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-4**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:12

Eurofins Chicago

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-02**  
**Date Collected: 09/10/24 13:15**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-4**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 12:10
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:47
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 16:26
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:25
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:25
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 15:53

**Client Sample ID: MW-03**  
**Date Collected: 09/10/24 14:37**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-5**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:39
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 12:44
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:49
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 16:41
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:27
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:25
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:07

**Client Sample ID: MW-04**  
**Date Collected: 09/10/24 15:44**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-6**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:42
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 12:46
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:51
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 16:56
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:30
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:25
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:11

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-05**  
**Date Collected: 09/10/24 11:48**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:44
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 12:55
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 09:04
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 17:42
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:33
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:25
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:16

**Client Sample ID: MW-06**  
**Date Collected: 09/10/24 11:08**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:46
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 12:58
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 09:06
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 17:57
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:35
Total/NA	Analysis	SM 4500 CI- E		5	786127	TR	EET CHI	09/15/24 14:26
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:21

**Client Sample ID: MW-07**  
**Date Collected: 09/10/24 10:13**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-9**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:48
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:01
Total/NA	Prep	7470A			788105	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 09:08
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 18:12
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:38
Total/NA	Analysis	SM 4500 CI- E		5	786127	TR	EET CHI	09/15/24 14:26
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:25

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-21D**  
**Date Collected: 09/10/24 09:02**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-10**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:55
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:03
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787840	RN	EET CHI	09/25/24 12:30
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 07:54
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 18:27
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:40
Total/NA	Analysis	SM 4500 CI- E		5	786127	TR	EET CHI	09/15/24 14:28
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:29

**Client Sample ID: Duplicate**  
**Date Collected: 09/10/24 00:00**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-11**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 17:58
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:05
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787840	RN	EET CHI	09/25/24 12:32
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 07:57
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 18:42
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:43
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:28
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:34

**Client Sample ID: MW-12R**  
**Date Collected: 09/11/24 15:14**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-12**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:00
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:08
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787840	RN	EET CHI	09/25/24 12:34
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 07:59

Eurofins Chicago

# Lab Chronicle

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

Job ID: 500-256375-1

## Client Sample ID: MW-12R

Date Collected: 09/11/24 15:14

Date Received: 09/12/24 09:30

## Lab Sample ID: 500-256375-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 18:58
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:45
Total/NA	Analysis	SM 4500 CI- E		5	786127	TR	EET CHI	09/15/24 14:28
Total/NA	Analysis	SM 4500 F C		1	786738	SO	EET CHI	09/18/24 16:38

## Client Sample ID: MW-10

Date Collected: 09/11/24 13:58

Date Received: 09/12/24 09:30

## Lab Sample ID: 500-256375-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:02
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:10
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 14:59
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:09
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 19:13
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:48
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:29
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 14:52

## Client Sample ID: MW-01

Date Collected: 09/11/24 12:29

Date Received: 09/12/24 09:30

## Lab Sample ID: 500-256375-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:04
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:12
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:01
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:11
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 19:28
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:51
Total/NA	Analysis	SM 4500 CI- E		2	786127	TR	EET CHI	09/15/24 14:29
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:08

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-09**  
**Date Collected: 09/11/24 08:38**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-15**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:07
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:14
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:04
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:13
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 19:43
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:53
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:00
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:13

**Client Sample ID: MW-16**  
**Date Collected: 09/11/24 10:00**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-16**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:09
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:17
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:06
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:21
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 19:58
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:56
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:00
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:17

**Client Sample ID: MW-08**  
**Date Collected: 09/11/24 11:21**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-17**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:11
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:23
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:08
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:23

Eurofins Chicago



# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-08**  
**Date Collected: 09/11/24 11:21**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-17**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	787551	W1T	EET CHI	09/26/24 20:44
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 00:58
Total/NA	Analysis	SM 4500 CI- E		5	786921	TR	EET CHI	09/19/24 13:44
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:33

**Client Sample ID: Duplicate**  
**Date Collected: 09/11/24 00:00**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-18**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:13
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:26
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:11
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:26
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 20:59
Total/NA	Analysis	SM 2540C		1	785866	CLB	EET CHI	09/13/24 01:01
Total/NA	Analysis	SM 4500 CI- E		2	786921	TR	EET CHI	09/19/24 13:45
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:38

**Client Sample ID: MW-22**  
**Date Collected: 09/12/24 13:31**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-19**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:16
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:28
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:18
Total/NA	Prep	7470A			788106	MJG	EET CHI	09/27/24 12:05 - 09/27/24 14:05 <sup>1</sup>
Total/NA	Analysis	7470A		1	788356	MJG	EET CHI	09/30/24 08:28
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 21:14
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:25
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:01
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:42

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-23**  
**Date Collected: 09/12/24 14:18**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-20**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:22
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:30
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:20
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:00
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 21:29
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:31
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:01
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:47

**Client Sample ID: MW-18**  
**Date Collected: 09/12/24 12:14**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-21**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:25
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:33
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:23
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:02
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/26/24 22:45
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:33
Total/NA	Analysis	SM 4500 CI- E		5	786921	TR	EET CHI	09/19/24 13:45
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 15:52

**Client Sample ID: MW-17**  
**Date Collected: 09/12/24 11:23**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-22**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:27
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:35
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:25
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:04

Eurofins Chicago

# Lab Chronicle

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

Job ID: 500-256375-1

## Client Sample ID: MW-17

Date Collected: 09/12/24 11:23

Date Received: 09/13/24 09:50

## Lab Sample ID: 500-256375-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		20	787551	W1T	EET CHI	09/27/24 00:01
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:36
Total/NA	Analysis	SM 4500 CI- E		5	786921	TR	EET CHI	09/19/24 13:45
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:05

## Client Sample ID: MW-13

Date Collected: 09/12/24 10:20

Date Received: 09/13/24 09:50

## Lab Sample ID: 500-256375-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787453	RN	EET CHI	09/23/24 18:29
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787678	RN	EET CHI	09/24/24 13:37
Total Recoverable	Prep	3005A			786842	BDE	EET CHI	09/19/24 09:04 - 09/19/24 15:04 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	788038	RN	EET CHI	09/26/24 15:27
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:06
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/27/24 00:17
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:38
Total/NA	Analysis	SM 4500 CI- E		5	786921	TR	EET CHI	09/19/24 13:46
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:10

## Client Sample ID: MW-20

Date Collected: 09/12/24 09:34

Date Received: 09/13/24 09:50

## Lab Sample ID: 500-256375-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:41
Total/NA	Analysis	SM 4500 CI- E		2	786921	TR	EET CHI	09/19/24 13:46
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:14

## Client Sample ID: MW-21

Date Collected: 09/12/24 09:05

Date Received: 09/13/24 09:50

## Lab Sample ID: 500-256375-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:44
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:02
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:19

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-20**  
**Date Collected: 09/10/24 09:30**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-26**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787251	RN	EET CHI	09/20/24 18:42
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787347	RN	EET CHI	09/23/24 12:32
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:08
Total/NA	Analysis	9056A		20	787551	W1T	EET CHI	09/27/24 00:32

**Client Sample ID: MW-21**  
**Date Collected: 09/10/24 08:36**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-27**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787251	RN	EET CHI	09/20/24 18:44
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787347	RN	EET CHI	09/23/24 12:35
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:10
Total/NA	Analysis	9056A		1	787551	W1T	EET CHI	09/27/24 00:47

**Client Sample ID: MW-19**  
**Date Collected: 09/13/24 08:44**  
**Date Received: 09/14/24 10:25**

**Lab Sample ID: 500-256375-28**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787251	RN	EET CHI	09/20/24 18:46
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787347	RN	EET CHI	09/23/24 12:37
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:13
Total/NA	Analysis	9056A		10	787551	W1T	EET CHI	09/27/24 01:02
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:46
Total/NA	Analysis	SM 4500 CI- E		1	786921	TR	EET CHI	09/19/24 13:02
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:34

**Client Sample ID: MW-18A**  
**Date Collected: 09/12/24 12:33**  
**Date Received: 09/14/24 10:25**

**Lab Sample ID: 500-256375-30**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787251	RN	EET CHI	09/20/24 18:49

# Lab Chronicle

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

Job ID: 500-256375-1

**Client Sample ID: MW-18A**

**Lab Sample ID: 500-256375-30**

**Date Collected: 09/12/24 12:33**

**Matrix: Water**

**Date Received: 09/14/24 10:25**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Analyst</u>	<u>Lab</u>	<u>Prepared or Analyzed</u>
Total Recoverable	Prep	3005A			787045	BDE	EET CHI	09/20/24 09:02 - 09/20/24 15:02 <sup>1</sup>
Total Recoverable	Analysis	6020B		1	787347	RN	EET CHI	09/23/24 12:39
Total/NA	Prep	7470A			788343	MJG	EET CHI	09/30/24 11:45 - 09/30/24 13:45 <sup>1</sup>
Total/NA	Analysis	7470A		1	788552	MJG	EET CHI	10/01/24 07:25
Total/NA	Analysis	9056A		20	788163	MM	EET CHI	09/28/24 11:09
Total/NA	Analysis	SM 2540C		1	786105	CLB	EET CHI	09/15/24 07:49
Total/NA	Analysis	SM 4500 CI- E		5	786921	TR	EET CHI	09/19/24 13:46
Total/NA	Analysis	SM 4500 F C		1	787461	SO	EET CHI	09/23/24 16:39

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

**Laboratory References:**

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



# Accreditation/Certification Summary

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

Job ID: 500-256375-1

## Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	05-31-25

1

2

3

4

5

6

7

8

9

10

11

12

13

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 10/16/2024 11:36:55 AM

## JOB DESCRIPTION

Powerton CCR (RAD)

## JOB NUMBER

500-256375-2

# Eurofins Chicago

## Job Notes

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

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

## Authorization



Generated  
10/16/2024 11:36:55 AM

Authorized for release by  
Diana Mockler, Project Manager I  
[Diana.Mockler@et.eurofinsus.com](mailto:Diana.Mockler@et.eurofinsus.com)  
(219)252-7570





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	5
Sample Summary . . . . .	6
Client Sample Results . . . . .	7
Definitions . . . . .	32
QC Association . . . . .	33
QC Sample Results . . . . .	35
Chain of Custody . . . . .	41
Receipt Checklists . . . . .	53
Chronicle . . . . .	58
Certification Summary . . . . .	65
Tracer Carrier Summary . . . . .	66

# Case Narrative

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

Job ID: 500-256375-2

**Job ID: 500-256375-2**

**Eurofins Chicago**

## Job Narrative 500-256375-2

### Receipt

The samples were received on 9/10/2024 9:55 AM, 9/11/2024 9:35 AM, 9/12/2024 9:30 AM, 9/13/2024 9:50 AM and 9/14/2024 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.7°C, 1.2°C, 1.2°C, 2.3°C, 2.4°C, 3.2°C, 5.1°C, 5.9°C and 8.4°C.

### Receipt Exceptions

The following sample(s) was received at the laboratory outside the required temperature criteria: cooler temp:8.1°C, water present in cooler. Cooler contained all containers for sample #13 MW-10,#15 MW-09, #16 MW-16 and #17 MW08.

### Gas Flow Proportional Counter

Method 904.0: Radium-228 Prep Batch 160-680013:

The detection goal was not met for the following sample due to the reduction of sample size required by the presence of matrix interferences (yellow discoloration noted in the initial prep): MW-18 (500-256375-21). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 Prep Batch 160-680013:

The laboratory control sample (LCS) associated with the following samples recovered at 126%: MW-21D (500-256375-10), Duplicate (500-256375-11), MW-12R (500-256375-12), MW-10 (500-256375-13), MW-01 (500-256375-14), MW-09 (500-256375-15), MW-16 (500-256375-16), MW-08 (500-256375-17), Duplicate (500-256375-18), MW-22 (500-256375-19), MW-23 (500-256375-20), MW-18 (500-256375-21), MW-17 (500-256375-22), MW-13 (500-256375-23), MW-19 (500-256375-28), (240-211133-G-6-B), (240-211133-H-6-C MS) and (240-211133-H-6-D MSD). 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 (69-145%). The LCS is within criteria and no further action is required.

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

Eurofins Chicago

# Method Summary

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

Job ID: 500-256375-2

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

#### Protocol References:

EPA = US Environmental Protection Agency

None = None

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

#### Laboratory References:

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

# Sample Summary

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

Job ID: 500-256375-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-256375-1	MW-11	Water	09/09/24 14:13	09/10/24 09:55
500-256375-2	MW-14	Water	09/09/24 12:05	09/10/24 09:55
500-256375-3	MW-15	Water	09/09/24 13:07	09/10/24 09:55
500-256375-4	MW-02	Water	09/10/24 13:15	09/11/24 09:35
500-256375-5	MW-03	Water	09/10/24 14:37	09/11/24 09:35
500-256375-6	MW-04	Water	09/10/24 15:44	09/11/24 09:35
500-256375-7	MW-05	Water	09/10/24 11:48	09/11/24 09:35
500-256375-8	MW-06	Water	09/10/24 11:08	09/11/24 09:35
500-256375-9	MW-07	Water	09/10/24 10:13	09/11/24 09:35
500-256375-10	MW-21D	Water	09/10/24 09:02	09/11/24 09:35
500-256375-11	Duplicate	Water	09/10/24 00:00	09/11/24 09:35
500-256375-12	MW-12R	Water	09/11/24 15:14	09/12/24 09:30
500-256375-13	MW-10	Water	09/11/24 13:58	09/12/24 09:30
500-256375-14	MW-01	Water	09/11/24 12:29	09/12/24 09:30
500-256375-15	MW-09	Water	09/11/24 08:38	09/12/24 09:30
500-256375-16	MW-16	Water	09/11/24 10:00	09/12/24 09:30
500-256375-17	MW-08	Water	09/11/24 11:21	09/12/24 09:30
500-256375-18	Duplicate	Water	09/11/24 00:00	09/12/24 09:30
500-256375-19	MW-22	Water	09/12/24 13:31	09/13/24 09:50
500-256375-20	MW-23	Water	09/12/24 14:18	09/13/24 09:50
500-256375-21	MW-18	Water	09/12/24 12:14	09/13/24 09:50
500-256375-22	MW-17	Water	09/12/24 11:23	09/13/24 09:50
500-256375-23	MW-13	Water	09/12/24 10:20	09/13/24 09:50
500-256375-28	MW-19	Water	09/13/24 08:44	09/14/24 10:25
500-256375-29	MW-18A	Water	09/13/24 09:13	09/14/24 10:25

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-11**

**Lab Sample ID: 500-256375-1**

Date Collected: 09/09/24 14:13

Matrix: Water

Date Received: 09/10/24 09:55

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.107	U	0.110	0.111	1.00	0.174	pCi/L	09/12/24 08:25	10/07/24 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					09/12/24 08:25	10/07/24 09:59	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.815		0.418	0.425	1.00	0.582	pCi/L	09/12/24 08:31	10/04/24 12:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					09/12/24 08:31	10/04/24 12:21	1
Y Carrier	85.2		30 - 110					09/12/24 08:31	10/04/24 12:21	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	0.922		0.432	0.439	5.00	0.582	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-14**  
Date Collected: 09/09/24 12:05  
Date Received: 09/10/24 09:55

**Lab Sample ID: 500-256375-2**  
Matrix: Water

**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	0.163	U	0.123	0.124	1.00	0.178	pCi/L	09/12/24 08:25	10/07/24 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.3		30 - 110					09/12/24 08:25	10/07/24 09:59	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.420	U	0.320	0.322	1.00	0.489	pCi/L	09/12/24 08:31	10/04/24 12:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.3		30 - 110					09/12/24 08:31	10/04/24 12:20	1
Y Carrier	87.5		30 - 110					09/12/24 08:31	10/04/24 12:20	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
<b>Combined Radium 226 + 228</b>	<b>0.584</b>		0.343	0.345	5.00	0.489	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-15**

**Lab Sample ID: 500-256375-3**

Date Collected: 09/09/24 13:07

Matrix: Water

Date Received: 09/10/24 09:55

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.108	U	0.106	0.107	1.00	0.165	pCi/L	09/12/24 08:25	10/07/24 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					09/12/24 08:25	10/07/24 09:59	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.522		0.341	0.345	1.00	0.501	pCi/L	09/12/24 08:31	10/04/24 12:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					09/12/24 08:31	10/04/24 12:21	1
Y Carrier	86.4		30 - 110					09/12/24 08:31	10/04/24 12:21	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	0.629		0.357	0.361	5.00	0.501	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-02**

**Lab Sample ID: 500-256375-4**

Date Collected: 09/10/24 13:15

Matrix: Water

Date Received: 09/11/24 09:35

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0293	U	0.0845	0.0845	1.00	0.159	pCi/L	09/13/24 08:10	10/07/24 09:52	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	80.1		30 - 110					09/13/24 08:10	10/07/24 09:52	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0269	U	0.374	0.374	1.00	0.689	pCi/L	09/13/24 08:20	10/03/24 13:45	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	80.1		30 - 110					09/13/24 08:20	10/03/24 13:45	1
Y Carrier	76.6		30 - 110					09/13/24 08:20	10/03/24 13:45	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	0.0562	U	0.383	0.383	5.00	0.689	pCi/L		10/15/24 16:23	1



# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-03**

**Lab Sample ID: 500-256375-5**

Date Collected: 09/10/24 14:37

Matrix: Water

Date Received: 09/11/24 09:35

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0670	U	0.0450	0.0454	1.00	0.143	pCi/L	09/13/24 08:10	10/07/24 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					09/13/24 08:10	10/07/24 09:53	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	-0.103	U	0.360	0.360	1.00	0.684	pCi/L	09/13/24 08:20	10/03/24 13:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					09/13/24 08:20	10/03/24 13:46	1
Y Carrier	78.9		30 - 110					09/13/24 08:20	10/03/24 13:46	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	-0.170	U	0.363	0.363	5.00	0.684	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-04**  
**Date Collected: 09/10/24 15:44**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-6**  
**Matrix: Water**

**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	0.0152	U	0.0666	0.0667	1.00	0.132	pCi/L	09/13/24 08:10	10/07/24 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					09/13/24 08:10	10/07/24 09:53	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	0.697		0.367	0.373	1.00	0.509	pCi/L	09/13/24 08:20	10/03/24 13:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					09/13/24 08:20	10/03/24 13:46	1
Y Carrier	77.8		30 - 110					09/13/24 08:20	10/03/24 13:46	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	0.712		0.373	0.379	5.00	0.509	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-05**

**Lab Sample ID: 500-256375-7**

Date Collected: 09/10/24 11:48

Matrix: Water

Date Received: 09/11/24 09:35

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.11		0.192	0.217	1.00	0.130	pCi/L	09/17/24 08:15	10/10/24 22:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					09/17/24 08:15	10/10/24 22:10	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	1.63		0.457	0.481	1.00	0.518	pCi/L	09/17/24 12:58	10/03/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					09/17/24 12:58	10/03/24 11:31	1
Y Carrier	80.7		30 - 110					09/17/24 12:58	10/03/24 11:31	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	2.74		0.496	0.528	5.00	0.518	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-06**  
Date Collected: 09/10/24 11:08  
Date Received: 09/11/24 09:35

**Lab Sample ID: 500-256375-8**  
Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-226</b>	<b>1.30</b>		0.214	0.244	1.00	0.131	pCi/L	09/17/24 08:15	10/10/24 22:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					09/17/24 08:15	10/10/24 22:09	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-228</b>	<b>0.638</b>		0.375	0.379	1.00	0.544	pCi/L	09/17/24 12:58	10/03/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					09/17/24 12:58	10/03/24 11:31	1
Y Carrier	81.5		30 - 110					09/17/24 12:58	10/03/24 11:31	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
<b>Combined Radium 226 + 228</b>	<b>1.94</b>		0.432	0.451	5.00	0.544	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-07**

**Lab Sample ID: 500-256375-9**

Date Collected: 09/10/24 10:13

Matrix: Water

Date Received: 09/11/24 09:35

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-226</b>	<b>3.71</b>		0.481	0.585	1.00	0.211	pCi/L	09/17/24 08:15	10/10/24 22:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					09/17/24 08:15	10/10/24 22:10	1

**Method: EPA 904.0 - Radium-228 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-228</b>	<b>2.59</b>		0.833	0.866	1.00	0.979	pCi/L	09/17/24 12:58	10/03/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					09/17/24 12:58	10/03/24 11:31	1
Y Carrier	81.9		30 - 110					09/17/24 12:58	10/03/24 11:31	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
<b>Combined Radium 226 + 228</b>	<b>6.30</b>		0.962	1.05	5.00	0.979	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-21D**

**Lab Sample ID: 500-256375-10**

Date Collected: 09/10/24 09:02

Matrix: Water

Date Received: 09/11/24 09:35

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122	U	0.108	0.108	1.00	0.162	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.291	U	0.366	0.367	1.00	0.607	pCi/L	09/18/24 08:11	10/07/24 12:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					09/18/24 08:11	10/07/24 12:37	1
Y Carrier	78.9		30 - 110					09/18/24 08:11	10/07/24 12:37	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	0.414	U	0.382	0.383	5.00	0.607	pCi/L		10/15/24 16:23	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: Duplicate**  
Date Collected: 09/10/24 00:00  
Date Received: 09/11/24 09:35

**Lab Sample ID: 500-256375-11**  
Matrix: Water

**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	0.0973	U	0.120	0.120	1.00	0.199	pCi/L	09/18/24 08:01	10/10/24 22:20	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	96.0		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.0908	U	0.304	0.304	1.00	0.545	pCi/L	09/18/24 08:11	10/07/24 12:37	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	96.0		30 - 110					09/18/24 08:11	10/07/24 12:37	1
Y Carrier	78.5		30 - 110					09/18/24 08:11	10/07/24 12:37	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	0.188	U	0.327	0.327	5.00	0.545	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-12R**

**Lab Sample ID: 500-256375-12**

Date Collected: 09/11/24 15:14

Matrix: Water

Date Received: 09/12/24 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	0.364		0.150	0.154	1.00	0.159	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.119	U	0.382	0.383	1.00	0.684	pCi/L	09/18/24 08:11	10/07/24 12:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					09/18/24 08:11	10/07/24 12:37	1
Y Carrier	77.0		30 - 110					09/18/24 08:11	10/07/24 12:37	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	0.483	U	0.410	0.413	5.00	0.684	pCi/L		10/15/24 16:41	1



# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-10**  
Date Collected: 09/11/24 13:58  
Date Received: 09/12/24 09:30

**Lab Sample ID: 500-256375-13**  
Matrix: Water

**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	0.604		0.233	0.239	1.00	0.247	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.728	U	0.577	0.581	1.00	0.897	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	78.5		30 - 110					09/18/24 08:11	10/07/24 12:36	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	1.33		0.622	0.628	5.00	0.897	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-01**

**Lab Sample ID: 500-256375-14**

Date Collected: 09/11/24 12:29

Matrix: Water

Date Received: 09/12/24 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	0.0352	U	0.0828	0.0828	1.00	0.152	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.232	U	0.325	0.325	1.00	0.546	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	80.7		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.267	U	0.335	0.335	5.00	0.546	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-09**

**Lab Sample ID: 500-256375-15**

**Date Collected: 09/11/24 08:38**

**Matrix: Water**

**Date Received: 09/12/24 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	0.134	U	0.126	0.127	1.00	0.196	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.0462	U	0.398	0.398	1.00	0.735	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	72.9		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.180	U	0.417	0.418	5.00	0.735	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-16**  
Date Collected: 09/11/24 10:00  
Date Received: 09/12/24 09:30

**Lab Sample ID: 500-256375-16**  
Matrix: Water

**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	0.0483	U	0.126	0.126	1.00	0.227	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.193	U	0.432	0.432	1.00	0.754	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	73.6		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.242	U	0.450	0.450	5.00	0.754	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-08**

**Lab Sample ID: 500-256375-17**

Date Collected: 09/11/24 11:21

Matrix: Water

Date Received: 09/12/24 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	0.0938	U	0.135	0.135	1.00	0.228	pCi/L	09/18/24 08:01	10/10/24 22:20	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	81.4		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.0741	U	0.367	0.367	1.00	0.666	pCi/L	09/18/24 08:11	10/07/24 12:36	1
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>					<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Ba Carrier	81.4		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	78.5		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.168	U	0.391	0.391	5.00	0.666	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: Duplicate**

**Lab Sample ID: 500-256375-18**

Date Collected: 09/11/24 00:00

Matrix: Water

Date Received: 09/12/24 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	0.0743	U	0.0927	0.0930	1.00	0.153	pCi/L	09/18/24 08:01	10/10/24 22:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/18/24 08:01	10/10/24 22:19	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	0.0161	U	0.282	0.282	1.00	0.539	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	76.3		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.0905	U	0.297	0.297	5.00	0.539	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-22**

**Lab Sample ID: 500-256375-19**

Date Collected: 09/12/24 13:31

Matrix: Water

Date Received: 09/13/24 09:50

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.219		0.123	0.125	1.00	0.155	pCi/L	09/18/24 08:01	10/10/24 22:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/18/24 08:01	10/10/24 22:19	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	-0.0346	U	0.371	0.371	1.00	0.698	pCi/L	09/18/24 08:11	10/07/24 12:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/18/24 08:11	10/07/24 12:36	1
Y Carrier	77.8		30 - 110					09/18/24 08:11	10/07/24 12:36	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	0.184	U	0.391	0.391	5.00	0.698	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-23**  
**Date Collected: 09/12/24 14:18**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-20**  
**Matrix: Water**

**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	0.0325	U	0.148	0.148	1.00	0.275	pCi/L	09/18/24 08:01	10/10/24 22:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					09/18/24 08:01	10/10/24 22:19	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	0.647	U	0.507	0.511	1.00	0.784	pCi/L	09/18/24 08:11	10/07/24 12:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					09/18/24 08:11	10/07/24 12:39	1
Y Carrier	80.7		30 - 110					09/18/24 08:11	10/07/24 12:39	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	0.680	U	0.528	0.532	5.00	0.784	pCi/L		10/15/24 16:41	1



# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-18**

**Lab Sample ID: 500-256375-21**

Date Collected: 09/12/24 12:14

Matrix: Water

Date Received: 09/13/24 09:50

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.280		0.179	0.181	1.00	0.236	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.2		30 - 110					09/18/24 08:01	10/10/24 22:20	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	-0.419	U G	0.508	0.509	1.00	1.10	pCi/L	09/18/24 08:11	10/07/24 12:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.2		30 - 110					09/18/24 08:11	10/07/24 12:39	1
Y Carrier	71.4		30 - 110					09/18/24 08:11	10/07/24 12:39	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	-0.140	U	0.539	0.540	5.00	1.10	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-17**

**Lab Sample ID: 500-256375-22**

Date Collected: 09/12/24 11:23

Matrix: Water

Date Received: 09/13/24 09:50

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0443	U	0.0936	0.0937	1.00	0.170	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					09/18/24 08:01	10/10/24 22:20	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	-0.131	U	0.353	0.353	1.00	0.709	pCi/L	09/18/24 08:11	10/07/24 12:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					09/18/24 08:11	10/07/24 12:39	1
Y Carrier	71.4		30 - 110					09/18/24 08:11	10/07/24 12:39	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	-0.0870	U	0.365	0.365	5.00	0.709	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-13**  
Date Collected: 09/12/24 10:20  
Date Received: 09/13/24 09:50

**Lab Sample ID: 500-256375-23**  
Matrix: Water

**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	0.207		0.132	0.133	1.00	0.174	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.5		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.446	U	0.488	0.490	1.00	0.797	pCi/L	09/18/24 08:11	10/07/24 12:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.5		30 - 110					09/18/24 08:11	10/07/24 12:39	1
Y Carrier	77.4		30 - 110					09/18/24 08:11	10/07/24 12:39	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	0.653	U	0.506	0.508	5.00	0.797	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-19**

**Lab Sample ID: 500-256375-28**

**Date Collected: 09/13/24 08:44**

**Matrix: Water**

**Date Received: 09/14/24 10:25**

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0782	U	0.0898	0.0901	1.00	0.145	pCi/L	09/18/24 08:01	10/10/24 22:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					09/18/24 08:01	10/10/24 22:20	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	0.395	U	0.384	0.386	1.00	0.618	pCi/L	09/18/24 08:11	10/07/24 12:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					09/18/24 08:11	10/07/24 12:39	1
Y Carrier	83.4		30 - 110					09/18/24 08:11	10/07/24 12:39	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	0.474	U	0.394	0.396	5.00	0.618	pCi/L		10/15/24 16:41	1

# Client Sample Results

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

Job ID: 500-256375-2

**Client Sample ID: MW-18A**

**Lab Sample ID: 500-256375-29**

Date Collected: 09/13/24 09:13

Matrix: Water

Date Received: 09/14/24 10:25

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.225		0.142	0.143	1.00	0.188	pCi/L	09/19/24 08:34	10/11/24 09:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	109		30 - 110					09/19/24 08:34	10/11/24 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	0.533	U	0.600	0.602	1.00	0.983	pCi/L	09/19/24 08:38	10/04/24 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	109		30 - 110					09/19/24 08:38	10/04/24 12:17	1
Y Carrier	82.6		30 - 110					09/19/24 08:38	10/04/24 12:17	1

**Method: TAL-STL Ra226\_Ra228 - Combined Radium-226 and Radium-228**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.758	U	0.617	0.619	5.00	0.983	pCi/L		10/15/24 16:41	1

# Definitions/Glossary

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

Job ID: 500-256375-2

## Qualifiers

### Rad

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

## Glossary

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

# QC Association Summary

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

Job ID: 500-256375-2

## Rad

### Prep Batch: 679171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	PrecSep-21	
500-256375-2	MW-14	Total/NA	Water	PrecSep-21	
500-256375-3	MW-15	Total/NA	Water	PrecSep-21	
MB 160-679171/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-679171/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-256375-1 DU	MW-11	Total/NA	Water	PrecSep-21	

### Prep Batch: 679172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-1	MW-11	Total/NA	Water	PrecSep_0	
500-256375-2	MW-14	Total/NA	Water	PrecSep_0	
500-256375-3	MW-15	Total/NA	Water	PrecSep_0	
MB 160-679172/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-679172/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-256375-1 DU	MW-11	Total/NA	Water	PrecSep_0	

### Prep Batch: 679302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-4	MW-02	Total/NA	Water	PrecSep-21	
500-256375-5	MW-03	Total/NA	Water	PrecSep-21	
500-256375-6	MW-04	Total/NA	Water	PrecSep-21	
MB 160-679302/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-679302/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-256375-4 DU	MW-02	Total/NA	Water	PrecSep-21	

### Prep Batch: 679303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-4	MW-02	Total/NA	Water	PrecSep_0	
500-256375-5	MW-03	Total/NA	Water	PrecSep_0	
500-256375-6	MW-04	Total/NA	Water	PrecSep_0	
MB 160-679303/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-679303/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-256375-4 DU	MW-02	Total/NA	Water	PrecSep_0	

### Prep Batch: 679743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-7	MW-05	Total/NA	Water	PrecSep-21	
500-256375-8	MW-06	Total/NA	Water	PrecSep-21	
500-256375-9	MW-07	Total/NA	Water	PrecSep-21	
MB 160-679743/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-679743/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

### Prep Batch: 679776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-7	MW-05	Total/NA	Water	PrecSep_0	
500-256375-8	MW-06	Total/NA	Water	PrecSep_0	
500-256375-9	MW-07	Total/NA	Water	PrecSep_0	
MB 160-679776/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-679776/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

# QC Association Summary

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

Job ID: 500-256375-2

## Rad

### Prep Batch: 680012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-10	MW-21D	Total/NA	Water	PrecSep-21	
500-256375-11	Duplicate	Total/NA	Water	PrecSep-21	
500-256375-12	MW-12R	Total/NA	Water	PrecSep-21	
500-256375-13	MW-10	Total/NA	Water	PrecSep-21	
500-256375-14	MW-01	Total/NA	Water	PrecSep-21	
500-256375-15	MW-09	Total/NA	Water	PrecSep-21	
500-256375-16	MW-16	Total/NA	Water	PrecSep-21	
500-256375-17	MW-08	Total/NA	Water	PrecSep-21	
500-256375-18	Duplicate	Total/NA	Water	PrecSep-21	
500-256375-19	MW-22	Total/NA	Water	PrecSep-21	
500-256375-20	MW-23	Total/NA	Water	PrecSep-21	
500-256375-21	MW-18	Total/NA	Water	PrecSep-21	
500-256375-22	MW-17	Total/NA	Water	PrecSep-21	
500-256375-23	MW-13	Total/NA	Water	PrecSep-21	
500-256375-28	MW-19	Total/NA	Water	PrecSep-21	
MB 160-680012/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-680012/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

### Prep Batch: 680013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-10	MW-21D	Total/NA	Water	PrecSep_0	
500-256375-11	Duplicate	Total/NA	Water	PrecSep_0	
500-256375-12	MW-12R	Total/NA	Water	PrecSep_0	
500-256375-13	MW-10	Total/NA	Water	PrecSep_0	
500-256375-14	MW-01	Total/NA	Water	PrecSep_0	
500-256375-15	MW-09	Total/NA	Water	PrecSep_0	
500-256375-16	MW-16	Total/NA	Water	PrecSep_0	
500-256375-17	MW-08	Total/NA	Water	PrecSep_0	
500-256375-18	Duplicate	Total/NA	Water	PrecSep_0	
500-256375-19	MW-22	Total/NA	Water	PrecSep_0	
500-256375-20	MW-23	Total/NA	Water	PrecSep_0	
500-256375-21	MW-18	Total/NA	Water	PrecSep_0	
500-256375-22	MW-17	Total/NA	Water	PrecSep_0	
500-256375-23	MW-13	Total/NA	Water	PrecSep_0	
500-256375-28	MW-19	Total/NA	Water	PrecSep_0	
MB 160-680013/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-680013/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

### Prep Batch: 680086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-29	MW-18A	Total/NA	Water	PrecSep-21	
MB 160-680086/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-680086/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

### Prep Batch: 680134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-256375-29	MW-18A	Total/NA	Water	PrecSep_0	
MB 160-680134/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-680134/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	



# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: MB 160-679171/1-A**  
**Matrix: Water**  
**Analysis Batch: 682449**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679171**

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	-0.03051	U	0.0721	0.0721	1.00	0.167	pCi/L	09/12/24 08:25	10/07/24 09:59	1
Carrier	MB MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					09/12/24 08:25	10/07/24 09:59	1
	93.1									

**Lab Sample ID: LCS 160-679171/2-A**  
**Matrix: Water**  
**Analysis Batch: 682449**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679171**

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	7.923		0.930	1.00	0.148	pCi/L	83	75 - 125
Carrier	LCS LCS	Limits							
Ba Carrier	%Yield	Qualifier	30 - 110						
	96.6								

**Lab Sample ID: 500-256375-1 DU**  
**Matrix: Water**  
**Analysis Batch: 682449**

**Client Sample ID: MW-11**  
**Prep Type: Total/NA**  
**Prep Batch: 679171**

Analyte	Sample Sample		DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.107	U	0.1086	U	0.104	1.00	0.158	pCi/L	0.01	1
Carrier	DU DU	Limits								
Ba Carrier	%Yield	Qualifier	30 - 110							
	86.2									

**Lab Sample ID: MB 160-679302/1-A**  
**Matrix: Water**  
**Analysis Batch: 682296**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679302**

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.02293	U	0.0660	0.0660	1.00	0.125	pCi/L	09/13/24 08:10	10/07/24 09:52	1
Carrier	MB MB		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	30 - 110					09/13/24 08:10	10/07/24 09:52	1
	99.5									

**Lab Sample ID: LCS 160-679302/2-A**  
**Matrix: Water**  
**Analysis Batch: 682296**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679302**

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	9.58	10.61		1.16	1.00	0.151	pCi/L	111	75 - 125

Euromins Chicago

# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: LCS 160-679302/2-A**  
**Matrix: Water**  
**Analysis Batch: 682296**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679302**

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.6		30 - 110

**Lab Sample ID: 500-256375-4 DU**  
**Matrix: Water**  
**Analysis Batch: 682296**

**Client Sample ID: MW-02**  
**Prep Type: Total/NA**  
**Prep Batch: 679302**

Analyte	Sample		DU		Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual						
Radium-226	0.0293	U	-0.03045	U	0.0609	1.00	0.143	pCi/L	0.41	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	97.8		30 - 110

**Lab Sample ID: MB 160-679743/1-A**  
**Matrix: Water**  
**Analysis Batch: 683026**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679743**

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-226	-0.008702	U	0.0527	0.0527	1.00	0.115	pCi/L	09/17/24 08:15	10/10/24 20:24	1

	MB	MB		Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	93.3		30 - 110	09/17/24 08:15	10/10/24 20:24	1

**Lab Sample ID: LCS 160-679743/2-A**  
**Matrix: Water**  
**Analysis Batch: 683026**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679743**

Analyte	Spike Added	LCS		Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
		Result	Qual						
Radium-226	9.58	7.160		0.798	1.00	0.134	pCi/L	75	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	109		30 - 110

**Lab Sample ID: MB 160-680012/1-A**  
**Matrix: Water**  
**Analysis Batch: 683026**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 680012**

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-226	0.04668	U	0.0840	0.0841	1.00	0.149	pCi/L	09/18/24 08:01	10/10/24 22:19	1

	MB	MB		Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	97.0		30 - 110	09/18/24 08:01	10/10/24 22:19	1

Eurofins Chicago

# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: LCS 160-680012/2-A**  
**Matrix: Water**  
**Analysis Batch: 683026**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 680012**

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-226	9.58	9.745		1.10	1.00	0.172	pCi/L	102	75	125
<b>Carrier</b>		<b>LCS %Yield</b>	<b>LCS Qualifier</b>	<b>Limits</b>						
Ba Carrier		90.3		30 - 110						

**Lab Sample ID: MB 160-680086/1-A**  
**Matrix: Water**  
**Analysis Batch: 683229**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 680086**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Carrier</b>		<b>MB %Yield</b>	<b>MB Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
Ba Carrier		107		30 - 110			09/19/24 08:34	10/11/24 08:08	1	

**Lab Sample ID: LCS 160-680086/2-A**  
**Matrix: Water**  
**Analysis Batch: 683229**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 680086**

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-226	9.58	8.449		0.911	1.00	0.118	pCi/L	88	75	125
<b>Carrier</b>		<b>LCS %Yield</b>	<b>LCS Qualifier</b>	<b>Limits</b>						
Ba Carrier		104		30 - 110						

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

**Lab Sample ID: MB 160-679172/1-A**  
**Matrix: Water**  
**Analysis Batch: 682220**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679172**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Carrier</b>		<b>MB %Yield</b>	<b>MB Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
Ba Carrier		93.1		30 - 110			09/12/24 08:31	10/04/24 12:20	1	
Y Carrier		87.5		30 - 110			09/12/24 08:31	10/04/24 12:20	1	

# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: LCS 160-679172/2-A**  
**Matrix: Water**  
**Analysis Batch: 682220**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679172**

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75 - 125	
Radium-228	8.46	9.783		1.32	1.00	0.498	pCi/L	116	75 - 125	
<b>LCS LCS</b>										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	96.6		30 - 110							
Y Carrier	83.4		30 - 110							

**Lab Sample ID: 500-256375-1 DU**  
**Matrix: Water**  
**Analysis Batch: 682220**

**Client Sample ID: MW-11**  
**Prep Type: Total/NA**  
**Prep Batch: 679172**

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
										0.48
Radium-228	0.815		0.4299	U	0.375	1.00	0.589	pCi/L	0.48	1
<b>DU DU</b>										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	86.2		30 - 110							
Y Carrier	87.9		30 - 110							

**Lab Sample ID: MB 160-679303/1-A**  
**Matrix: Water**  
**Analysis Batch: 682005**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679303**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
										0.218
Radium-228	-0.02396	U	0.218	0.218	1.00	0.426	pCi/L	09/13/24 08:20	10/03/24 13:45	1
<b>MB MB</b>										
Carrier	%Yield	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	99.5		30 - 110		09/13/24 08:20	10/03/24 13:45	1			
Y Carrier	82.6		30 - 110		09/13/24 08:20	10/03/24 13:45	1			

**Lab Sample ID: LCS 160-679303/2-A**  
**Matrix: Water**  
**Analysis Batch: 682005**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679303**

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75 - 125	
Radium-228	8.46	10.41		1.41	1.00	0.566	pCi/L	123	75 - 125	
<b>LCS LCS</b>										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.6		30 - 110							
Y Carrier	82.6		30 - 110							

# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: 500-256375-4 DU**  
**Matrix: Water**  
**Analysis Batch: 682005**

**Client Sample ID: MW-02**  
**Prep Type: Total/NA**  
**Prep Batch: 679303**

Analyte	Sample	Sample	DU		Total	RL	MDC	Unit	RER	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)						
Radium-228	0.0269	U	-0.03440	U	0.292	1.00	0.564	pCi/L	0.09	1	
<b>DU DU</b>											
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>								
Ba Carrier	97.8		30 - 110								
Y Carrier	70.3		30 - 110								

**Lab Sample ID: MB 160-679776/1-A**  
**Matrix: Water**  
**Analysis Batch: 681995**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 679776**

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)							
Radium-228	0.9265		0.385	0.394	1.00	0.504	pCi/L	09/17/24 12:58	10/03/24 11:24	1	
<b>MB MB</b>											
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>		<b>Prepared</b>		<b>Analyzed</b>		<b>Dil Fac</b>		
Ba Carrier	93.3		30 - 110		09/17/24 12:58		10/03/24 11:24		1		
Y Carrier	84.1		30 - 110		09/17/24 12:58		10/03/24 11:24		1		

**Lab Sample ID: LCS 160-679776/2-A**  
**Matrix: Water**  
**Analysis Batch: 681995**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 679776**

Analyte	Spike Added	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec	Limits	
		Result	Qual	Uncert. (2σ+/-)							
Radium-228	8.46	9.005		1.17	1.00	0.409	pCi/L	106	75 - 125		
<b>LCS LCS</b>											
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>								
Ba Carrier	109		30 - 110								
Y Carrier	83.4		30 - 110								

**Lab Sample ID: MB 160-680013/1-A**  
**Matrix: Water**  
**Analysis Batch: 682449**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 680013**

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)							
Radium-228	0.08479	U	0.263	0.263	1.00	0.476	pCi/L	09/18/24 08:11	10/07/24 12:36	1	
<b>MB MB</b>											
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>		<b>Prepared</b>		<b>Analyzed</b>		<b>Dil Fac</b>		
Ba Carrier	97.0		30 - 110		09/18/24 08:11		10/07/24 12:36		1		
Y Carrier	79.6		30 - 110		09/18/24 08:11		10/07/24 12:36		1		

# QC Sample Results

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

Job ID: 500-256375-2

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

**Lab Sample ID: LCS 160-680013/2-A**  
**Matrix: Water**  
**Analysis Batch: 682449**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 680013**

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	8.45	10.63		1.46	1.00	0.609	pCi/L	126	75	125
<b>LCS LCS</b>										
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>							
Ba Carrier	90.3		30 - 110							
Y Carrier	78.1		30 - 110							

**Lab Sample ID: MB 160-680134/1-A**  
**Matrix: Water**  
**Analysis Batch: 682221**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 680134**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared		Analyzed		Dil Fac
								09/19/24 08:38	10/04/24 16:31	10/04/24 16:31	10/04/24 16:31	
Radium-228	-0.02427	U	0.343	0.343	1.00	0.662	pCi/L	09/19/24 08:38	10/04/24 16:31	10/04/24 16:31	1	
<b>MB MB</b>												
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>		<b>Prepared</b>		<b>Analyzed</b>		<b>Dil Fac</b>			
Ba Carrier	107		30 - 110		09/19/24 08:38		10/04/24 16:31		1			
Y Carrier	87.5		30 - 110		09/19/24 08:38		10/04/24 16:31		1			

**Lab Sample ID: LCS 160-680134/2-A**  
**Matrix: Water**  
**Analysis Batch: 682116**

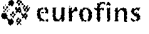
**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 680134**


Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
									75	125
Radium-228	8.46	9.044		1.21	1.00	0.454	pCi/L	107	75	125
<b>LCS LCS</b>										
<b>Carrier</b>	<b>%Yield</b>	<b>Qualifier</b>	<b>Limits</b>							
Ba Carrier	104		30 - 110							
Y Carrier	85.6		30 - 110							

# Eurofins Chicago

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

## Chain of Custody Record

 | Environment Testing


<b>Client Information</b>		Sampler Nicole Kovna / Jack Misner		Lab PM Mockler, Diana J		Carrier Tracking No(s):		COC No. 500-126837-49657 2	
Client Contact: Kaelyns Sperle		Phone 262-622-1143		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin. IL		Page: Page 2 of 3	
Company: KPRG and Associates, Inc.				PWSID		<b>Analysis Requested</b>			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested STANDARD		 500-256375 COC				Job #: 500-256375	
City: Brookfield		TAT Requested (days) STANDARD							
State, Zip: WI, 53005		Compliance Project: Δ Yes Δ No							
Phone: 262-781-0475(Tel)		PO #: 4502160845							
Email: kaelyns@kprginc.com		WO #:							
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project #: 60011612							
Site: Illinois		SSOW#:		Preservation Codes: D - HNO3 N - None		Other:			
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type</b> (C=Comp, G=grab)		<b>Matrix</b> (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
								Field Filtered Sample (Yes or No)	
								Perform MS/MSD (Yes or No)	
								903.0, 904.0	
								6020A, 7470A	
								2540C, 4500_F_C, SM4500_CLE	
								SM4500_SO4_E - Sulfate	
								Total Number of Containers	
								Special Instructions/Note:	
MW-12								Water	
1	MW-13 mw-11	9/9/24		1413		G		Water	
2	MW-14	9/9/24		1205		G		Water	
3	MW-15	9/9/24		1209		G		Water	
	MW-16							Water	
	MW-17							Water	
	MW-18							Water	
	MW-19							Water	
	MW-20							Water	
	MW-21							Water	
	MW-21D							Water	
<b>Possible Hazard Identification</b>					<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>				
<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 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>Nicole Kovna</i>			Date/Time: 9/9/24		Company		Received by: <i>Stephanie Hernandez</i>		
Relinquished by:			Date/Time:		Company		Date/Time: 9/10/24 09:35		
Relinquished by:			Date/Time:		Company		Date/Time: Company		
Custody Seals Intact. Δ Yes Δ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 6.0459					

**Eurofins Chicago**

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

**Chain of Custody Record**

eurofins | Environment Testing

<b>Client Information</b>		Sampler: <u>Nikole Korona / Jack Mysner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-126837-49657 1			
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>202-622-7143</u>		E-Mail: <u>Diana.Mockler@et.eurofinsus.com</u>		State of Origin: <u>IL</u>		Page: Page 1 of 3			
Company: <u>KPRG and Associates, Inc.</u>		PWSID:		<b>Analysis Requested</b>						Job #: <u>500-256375</u>	
Address: <u>14685 West Lisbon Road, Suite 1A</u>		Due Date Requested: <u>STANDARD</u>		 <p>500-256375 COC</p>						Preservation Codes: D - HNO3 N - None	
City: <u>Brookfield</u>		TAT Requested (days): <u>STANDARD</u>								Other:	
State, Zip: <u>WI, 53005</u>		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No									
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502160845</u>									
Email: <u>kaelyns@kprginc.com</u>		WO #:									
Project Name: <u>Powerton CCR Event Desc Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>		Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MS/MSD (Yes or No) <input type="checkbox"/>						Special Instructions/Note:	
Site: <u>Illinois</u>		SSOW#:									
<b>Sample Identification</b>		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Total Number of Containers	
										Preservation Code	
MW-01						Water				D D N N	
4 MW-02		9/10/24		1315		G Water		N N X X X X			
5 MW-03		9/10/24		1437		G Water		N N X X X X			
6 MW-04		9/10/24		1544		G Water		N N X X X X			
7 MW-05		9/10/24		1548		G Water		N N X X X X			
8 MW-06		9/10/24		1108		G Water		N N X X X X			
9 MW-07		9/10/24		1013		G Water		N N X X X X			
10 <del>MW-08</del> MW-21D		9/10/24		0902		G Water		N N X X X X			
11 <del>MW-09</del> Duplicate 2		9/10/24		-		G Water		N N X X X X			
MW-10						Water					
MW-11						Water					
<b>Possible Hazard Identification</b>						<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>					
<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>Nikole Korona</u>		Date/Time: <u>9/10/24 1730</u>		Company: <u>KPRG</u>		Received by: <u>Stephanie Hernandez</u>		Date/Time: <u>9/11/24 0935</u>		Company: <u>EETA</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>1.3+1.2, 2.4+2.3</u>							




**Eurofins Chicago**

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

**Chain of Custody Record**

eurofins | Environment Testing

<b>Client Information</b>		Sampler <i>Nicole Kistner / Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-126837-49657 2																														
Client Contact Kaelyn Sperle		Phone <i>262-602-1143</i>		E-Mail Diana Mockler@et eurofinsus.com		State of Origin <i>IL</i>		Page Page 2 of 3																														
Company KPRG and Associates, Inc.		PWSID		<b>Analysis Requested</b>						Job # <i>500-256375</i>																												
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested <i>standard</i>		<table border="1"> <tr> <td rowspan="6">Field Filled Sample (Yes or No)</td> <td rowspan="6">Perform MS/MS (Yes or No)</td> <td>903.0, 904.0</td> <td>6020A, 7470A</td> <td>2540C, 4500_F_C, SM4500_CLE</td> <td>SM4500_SO4_E - Sulfate</td> <td rowspan="6">Total Number of Containers</td> </tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>						Field Filled Sample (Yes or No)	Perform MS/MS (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of Containers																					Preservation Codes D HNO3 N None	
Field Filled Sample (Yes or No)	Perform MS/MS (Yes or No)	903.0, 904.0	6020A, 7470A									2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of Containers																								
City Brookfield		TAT Requested (days) <i>standard</i>		QR Code 		500-256375 COC																																
State Zip: WI, 53005		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No		Project # 50011612		Other																																
Phone 262-781-0475(Tel)		PO # 4502160845		SSOW#		Special Instructions/Note:																																
Email kaelyns@kprginc.com		WO #		Site Illinois																																		
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #		Sample Identification																																		
Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air)																																
				Preservation Code:																																		
12 MW-12R		9/11/24 1514		G <sub>1</sub> Water		N N X X X X																																
13 MW-13 MW-10		9/11/24 1358		G <sub>1</sub> Water		N N X X X X																																
14 MW-14 MW-02		9/11/24 1229		G <sub>1</sub> Water		N N X X X X																																
15 MW-15 MW-09		9/11/24 0838		G <sub>1</sub> Water		N N X X X X																																
16 MW-16		9/11/24 1000		G <sub>1</sub> Water		N N X X X X																																
17 MW-17 MW-08		9/11/24 1121		G <sub>1</sub> Water		N N X X X X																																
18 MW-18 Duplicate 2		9/11/24 -		G <sub>1</sub> Water		N N X X X X																																
MW-19				Water																																		
MW-20				Water																																		
MW-21				Water																																		
MW-21D				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>Nicole Kistner</i>		Date/Time 9/11/24 1645		Company KPRG		Received by <i>Stephanie Hemminger</i>		Date/Time 9/12/24 0930		Company EEIA																												
Relinquished by		Date/Time		Company		Received by		Date/Time		Company																												
Relinquished by		Date/Time		Company		Received by		Date/Time		Company																												
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>8.4 + 8.1, 0.8 + 0.7</i>																																		



**Eurofins Chicago**

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

**Chain of Custody Record**

<b>Client Information</b>		Sampler: Nicole Kovna / Jack Misner		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 600-126837-49657 3																	
Client Contact: Kaelyns Sperle		Phone: 262-622-1143		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin: IL		Page: Page 3 of 3																	
Company: KPRG and Associates, Inc.		PWSID		<b>Analysis Requested</b>						Job #: 500-256375															
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested: STANDARD		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td><td></td></tr> <tr><td>Perform MS/MSD (Yes or No)</td><td></td></tr> <tr><td>903.0, 904.0</td><td></td></tr> <tr><td>8020A, 7470A</td><td></td></tr> <tr><td>2540C, 4500_F_C, SM4500_CL_E</td><td></td></tr> <tr><td>SM4500_SO4_E - Sulfate</td><td></td></tr> </table>						Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0, 904.0		8020A, 7470A		2540C, 4500_F_C, SM4500_CL_E		SM4500_SO4_E - Sulfate		Preservation Codes: D - HNO3, N - None		500-256375 COC	
Field Filtered Sample (Yes or No)																									
Perform MS/MSD (Yes or No)																									
903.0, 904.0																									
8020A, 7470A																									
2540C, 4500_F_C, SM4500_CL_E																									
SM4500_SO4_E - Sulfate																									
City: Brookfield		TAT Requested (days): STANDARD		Other:																					
State, Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																							
Phone: 262-781-0475 (Tel)		PO #: 4502160845																							
Email: kaelyns@kprginc.com		WO #:																							
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 60011612																							
Site: Illinois		SSOW#:																							
<b>Sample Identification</b>		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, ST=Tissue, A=Air)		Special Instructions/Note:															
19 MW-22		9/12/24		1331		G		Water		N N X X X X															
20 MW-23		9/12/24		1418		G		Water		N N X X X X															
21 Duplicate 1 MW-18		9/12/24		1214		G		Water		N N X X X X															
22 Duplicate 2 MW-17		9/12/24		1123		G		Water		N N X X X X															
23 MW-13		9/12/24		1020		G		Water		N N X X X X															
24 MW-20		9/12/24		0934		G		water		N N X															
25 MW-21		9/12/24		0905		G		water		N N X															
26 MW-20		9/10/24		0930		G		water		N N X X															
27 MW-21		9/10/24		0836		G		water		N N X X															
<b>Possible Hazard Identification</b>						<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>																			
<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: Nicole Kovna		Date/Time: 9/12/24 1530		Company: KPRG		Received by: Stephanie Hernandez		Date/Time: 9/13/24 0952		Company: EEIA															
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:															
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:															
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 1.3+1.2, 5.2+5.1, 3.3+3.2																					





KALYN SPERLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ACLING: 25.00 LB MAN  
CAD: 07803077/CAFE3808

P 11  
489-34 MTR EX  
585C7/4FF6/CC64



500-256375 Waybi

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

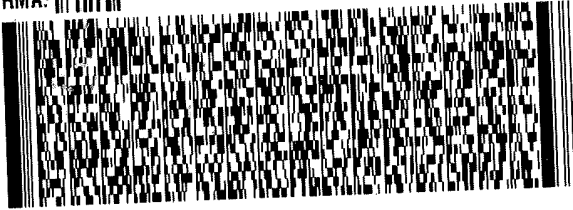
**UNIVERSITY PARK IL 60484**

(708) 684-6200  
INU:  
PO:

REF:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



J241D23112311231UN

FedEx  
TRK# 4051 7963 0351  
0221

**TUE - 10 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

480

60484  
IL-US ORD

EXP 07/25



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

KARELYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

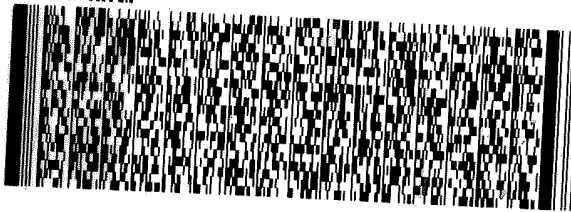
HL1WG1: 23.00 LB 11MM  
CAD: 0780307/CAFE3808

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200  
INU: REF:  
PO: DEPT:

RMA: ||| |||



20 EXE ALM 168-6088-1  
SRCC2/AFRQ/CACA

TRK# 0221 4051 7963 0384

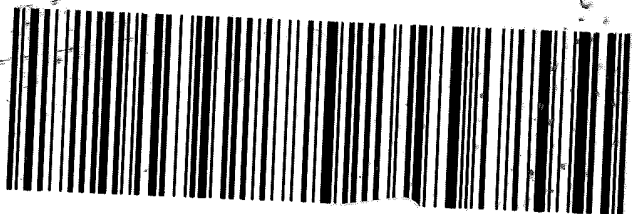
RETURNS MON - SAT  
PRIORITY OVERNIGHT

FedEx  
TRK# 0221 4051 7963 0384

WED - 11 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

48QT 60484  
IL-US ORD



A 0384 09.11

KARELYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

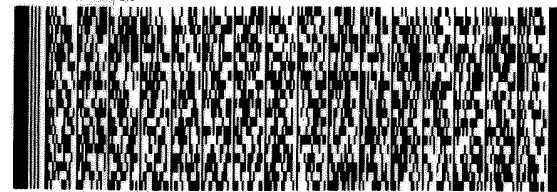
HL1WG1: 23.00 LB 11MM  
CAD: 0780307/CAFE3808

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200  
INU: REF:  
PO: DEPT:

RMA: ||| |||



500-256375 Waybi

1371.2

TRK# 0221 4051 7963 0373

RETURNS MON - SAT  
PRIORITY OVERNIGHT

FedEx  
TRK# 0221 4051 7963 0373

WED - 11 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

48QT 60484  
IL-US ORD



A 0373 09.11



500-256375 Waybr

KAELEYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ALIMB1. 25.00 LB IMN  
CAD: 0780307/CAFE3808

Pat 15946 434 MTTW EXP 02/25  
SASCC2/4FF/253

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

*Handwritten signature*

**UNIVERSITY PARK IL 60484**

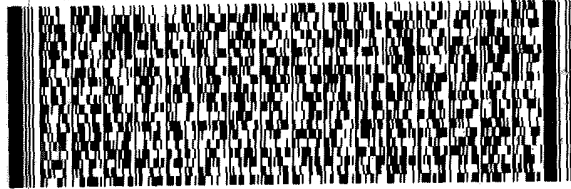
(708) 534-5200

REF:

INU:

DEPT:

RMA: [Barcode]



FedEx  
Express



UN 00221152011427

FedEx

TRK# 4051 7963 0410  
0221

THU - 12 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

*48QT*

60484  
IL-US ORD

Pat 159297 434 MTTW EXP 07/25



KAELEYN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

ALIMB1. 25.00 LB IMN  
CAD: 0780307/CAFE3808

Pat 15946 434 MTTW EXP 02/25  
SASCC2/4FF/253

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

*Handwritten signature*

**UNIVERSITY PARK IL 60484**

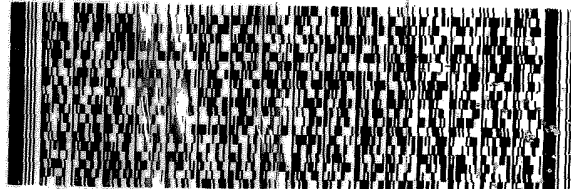
(708) 534-5200

REF:

INU:

DEPT:

RMA: [Barcode]



FedEx  
Express



UN 00221152011427

FedEx

TRK# 4051 7963 0421  
0221

THU - 12 SEP 10:30A  
PRIORITY OVERNIGHT

**XP JOTA**

*48QT*

60484  
IL-US ORD

Pat 159297 434 MTTW EXP 07/25



KHELTN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

PL INGT: 23.00 LB FIMN  
CAD: 0780307/CAFE3808

Part # 139168 46 NTW EXP 02/25

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200

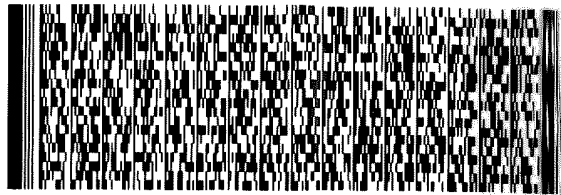
REF:

INU:

PO:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



1241023112201UK

TRK# 1051 7062 0165

**FedEx**

TRK#

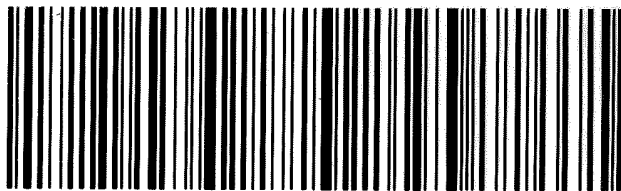
0221 4051 7963 0465

**RETURNS MON - SAT**  
**PRIORITY OVERNIGHT**  
**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

60484

IL-US ORD



583J2/4EF9/9AE3

KHELTN SPEKLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

PL INGT: 23.00 LB FIMN  
CAD: 0780307



TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

500-256375 Waybi

**UNIVERSITY PARK IL 60484**

(708) 534-5200

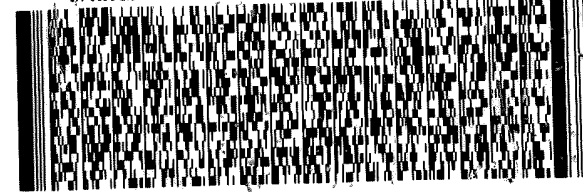
REF:

INU:

PO:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



1241023112201UK

TRK#

**FedEx**

TRK#

0221 4051 7963 0454

**RETURNS MON - SAT**  
**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

60484

IL-US ORD



583J2/4EF9/9AE3

3 48at

KRELYN SPERLE  
KPRG AND ASSOCIATES, INC  
14665 W. LISBON ROAD  
SUITE 1A  
BROOKFIELD, WI 53005  
UNITED STATES US

HL  
CAD.

ST 22  
RT 519

349 39P  
434 41W FXP 01  
583C2/4EF9/9RE3

TO **SAMPLE RECEIPT**  
**EUROFINS CHICAGO**  
**2417 BOND ST.**

**UNIVERSITY PARK IL 60484**

(708) 534-5200

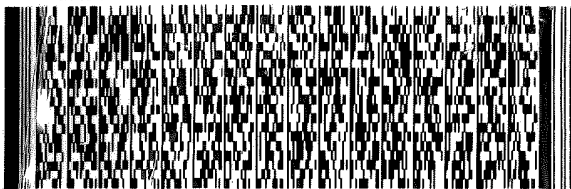
REF:

INVT:

PO:

DEPT:

RMA: ||| ||| |||



**FedEx**  
Express



J241023112201uy

**FedEx**

TRK#  
0221

**4051 7963 0432**

**FRI - 13 SEP 10:30A**  
**PRIORITY OVERNIGHT**

**XP JOTA**

**60484**

**IL-US ORD**

EXP 07/25



583J2/4EF9/9RE3

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



# Chain of Custody Record



Environment Testing



<b>Client Information (Sub Contract Lab)</b>		Lab PM: Mockler, Diana J	Carrier Tracking No(s): COC No: 500-192443.1							
Client Contact: Shipping/Receiving		E-Mail: Diana.Mockler@et.eurofinsus.com	Page: Page 1 of 1							
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois	Job #: 500-256375-2							
Address: 13715 Rider Trail North, Earth City, MO 63045		Due Date Requested: 10/14/2024	<b>Preservation Codes:</b>							
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		TAT Requested (days):								
Email:		PO #:	<b>Analysis Requested</b>							
Project #: 50011612		WO #:								
Site: MWG - Powerton		Project #: 50011612	Total Number of containers							
		SSOW#:								
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=washoil, 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. 0 Standard Target List	Preservation Code:	Special Instructions/Note:
MW-11 (500-256375-1)	9/9/24	14:13 Central	G	Water	X	X	X	X	Ra226Ra228_GFPc	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-14 (500-256375-2)	9/9/24	12:05 Central	G	Water	X	X	X	X		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-15 (500-256375-3)	9/9/24	13:07 Central	G	Water	X	X	X	X		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 &amp; accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago</p>										
<b>Possible Hazard Identification</b>										
Unconfirmed										
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2										
Empty Kit Relinquished by: Date: Time: Method of Shipment: Months										
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/>										
Special Instructions/QC Requirements:										
Reinquired by: Date/Time: Company: Received by: Date/Time: Company:										
Reinquired by: Date/Time: Company: Received by: Date/Time: Company:										
Reinquired by: Date/Time: Company: Received by: Date/Time: Company:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Δ										
Custody Seal No.:										
Cooler Temperature(s) °C and Other Remarks:										





# Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-2

**Login Number: 256375**

**List Source: Eurofins Chicago**

**List Number: 1**

**Creator: Hernandez, Stephanie**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	5.9,1.2,2.3,8.1,0.7,1.2,5.1,3.2,2.4
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	

# Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-2

**Login Number: 256375**

**List Number: 2**

**Creator: Pinette, Meadow L**

**List Source: Eurofins St. Louis**

**List Creation: 09/11/24 12:39 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	

# Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-2

**Login Number: 256375**

**List Number: 3**

**Creator: Pinette, Meadow L**

**List Source: Eurofins St. Louis**

**List Creation: 09/12/24 01:29 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	



## Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-2

**Login Number: 256375**

**List Number: 4**

**Creator: Pinette, Meadow L**

**List Source: Eurofins St. Louis**

**List Creation: 09/13/24 01:10 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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 <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	

# Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-256375-2

**Login Number: 256375**

**List Number: 5**

**Creator: Worthington, Sierra M**

**List Source: Eurofins St. Louis**

**List Creation: 09/17/24 12:34 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	



# Lab Chronicle

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

Job ID: 500-256375-2

## Client Sample ID: MW-11

Date Collected: 09/09/24 14:13

Date Received: 09/10/24 09:55

## Lab Sample ID: 500-256375-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679171	BCE	EET SL	09/12/24 08:25
Total/NA	Analysis	903.0		1	682449	CMM	EET SL	10/07/24 09:59
Total/NA	Prep	PrecSep_0			679172	BCE	EET SL	09/12/24 08:31
Total/NA	Analysis	904.0		1	682220	SCB	EET SL	10/04/24 12:21
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

## Client Sample ID: MW-14

Date Collected: 09/09/24 12:05

Date Received: 09/10/24 09:55

## Lab Sample ID: 500-256375-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679171	BCE	EET SL	09/12/24 08:25
Total/NA	Analysis	903.0		1	682449	CMM	EET SL	10/07/24 09:59
Total/NA	Prep	PrecSep_0			679172	BCE	EET SL	09/12/24 08:31
Total/NA	Analysis	904.0		1	682220	SCB	EET SL	10/04/24 12:20
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

## Client Sample ID: MW-15

Date Collected: 09/09/24 13:07

Date Received: 09/10/24 09:55

## Lab Sample ID: 500-256375-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679171	BCE	EET SL	09/12/24 08:25
Total/NA	Analysis	903.0		1	682449	CMM	EET SL	10/07/24 09:59
Total/NA	Prep	PrecSep_0			679172	BCE	EET SL	09/12/24 08:31
Total/NA	Analysis	904.0		1	682220	SCB	EET SL	10/04/24 12:21
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

## Client Sample ID: MW-02

Date Collected: 09/10/24 13:15

Date Received: 09/11/24 09:35

## Lab Sample ID: 500-256375-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679302	BCE	EET SL	09/13/24 08:10
Total/NA	Analysis	903.0		1	682296	CMM	EET SL	10/07/24 09:52
Total/NA	Prep	PrecSep_0			679303	BCE	EET SL	09/13/24 08:20
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 13:45
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23



# Lab Chronicle

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

Job ID: 500-256375-2

**Client Sample ID: MW-03**  
**Date Collected: 09/10/24 14:37**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-5**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679302	BCE	EET SL	09/13/24 08:10
Total/NA	Analysis	903.0		1	682296	CMM	EET SL	10/07/24 09:53
Total/NA	Prep	PrecSep_0			679303	BCE	EET SL	09/13/24 08:20
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 13:46
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

**Client Sample ID: MW-04**  
**Date Collected: 09/10/24 15:44**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-6**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679302	BCE	EET SL	09/13/24 08:10
Total/NA	Analysis	903.0		1	682296	CMM	EET SL	10/07/24 09:53
Total/NA	Prep	PrecSep_0			679303	BCE	EET SL	09/13/24 08:20
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 13:46
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

**Client Sample ID: MW-05**  
**Date Collected: 09/10/24 11:48**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679743	BCE	EET SL	09/17/24 08:15
Total/NA	Analysis	903.0		1	683028	FLC	EET SL	10/10/24 22:10
Total/NA	Prep	PrecSep_0			679776	BCE	EET SL	09/17/24 12:58
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 11:31
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

**Client Sample ID: MW-06**  
**Date Collected: 09/10/24 11:08**  
**Date Received: 09/11/24 09:35**

**Lab Sample ID: 500-256375-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679743	BCE	EET SL	09/17/24 08:15
Total/NA	Analysis	903.0		1	683028	FLC	EET SL	10/10/24 22:09
Total/NA	Prep	PrecSep_0			679776	BCE	EET SL	09/17/24 12:58
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 11:31
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

# Lab Chronicle

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

Job ID: 500-256375-2

## Client Sample ID: MW-07

Date Collected: 09/10/24 10:13

Date Received: 09/11/24 09:35

## Lab Sample ID: 500-256375-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			679743	BCE	EET SL	09/17/24 08:15
Total/NA	Analysis	903.0		1	683028	FLC	EET SL	10/10/24 22:10
Total/NA	Prep	PrecSep_0			679776	BCE	EET SL	09/17/24 12:58
Total/NA	Analysis	904.0		1	682005	FLC	EET SL	10/03/24 11:31
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

## Client Sample ID: MW-21D

Date Collected: 09/10/24 09:02

Date Received: 09/11/24 09:35

## Lab Sample ID: 500-256375-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:37
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:23

## Client Sample ID: Duplicate

Date Collected: 09/10/24 00:00

Date Received: 09/11/24 09:35

## Lab Sample ID: 500-256375-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:37
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

## Client Sample ID: MW-12R

Date Collected: 09/11/24 15:14

Date Received: 09/12/24 09:30

## Lab Sample ID: 500-256375-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:37
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

# Lab Chronicle

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

Job ID: 500-256375-2

**Client Sample ID: MW-10**  
**Date Collected: 09/11/24 13:58**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-13**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-01**  
**Date Collected: 09/11/24 12:29**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-14**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-09**  
**Date Collected: 09/11/24 08:38**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-15**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-16**  
**Date Collected: 09/11/24 10:00**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-16**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

# Lab Chronicle

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

Job ID: 500-256375-2

**Client Sample ID: MW-08**  
**Date Collected: 09/11/24 11:21**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-17**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	683026	FLC	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: Duplicate**  
**Date Collected: 09/11/24 00:00**  
**Date Received: 09/12/24 09:30**

**Lab Sample ID: 500-256375-18**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:19
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-22**  
**Date Collected: 09/12/24 13:31**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-19**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:19
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682451	CMM	EET SL	10/07/24 12:36
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-23**  
**Date Collected: 09/12/24 14:18**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-20**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:19
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682296	CMM	EET SL	10/07/24 12:39
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

# Lab Chronicle

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

Job ID: 500-256375-2

**Client Sample ID: MW-18**  
**Date Collected: 09/12/24 12:14**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-21**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682296	CMM	EET SL	10/07/24 12:39
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-17**  
**Date Collected: 09/12/24 11:23**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-22**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682296	CMM	EET SL	10/07/24 12:39
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-13**  
**Date Collected: 09/12/24 10:20**  
**Date Received: 09/13/24 09:50**

**Lab Sample ID: 500-256375-23**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682296	CMM	EET SL	10/07/24 12:39
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Client Sample ID: MW-19**  
**Date Collected: 09/13/24 08:44**  
**Date Received: 09/14/24 10:25**

**Lab Sample ID: 500-256375-28**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			680012	BCE	EET SL	09/18/24 08:01
Total/NA	Analysis	903.0		1	682913	SWS	EET SL	10/10/24 22:20
Total/NA	Prep	PrecSep_0			680013	BCE	EET SL	09/18/24 08:11
Total/NA	Analysis	904.0		1	682296	CMM	EET SL	10/07/24 12:39
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

# Lab Chronicle

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

Job ID: 500-256375-2

**Client Sample ID: MW-18A**

**Lab Sample ID: 500-256375-29**

**Date Collected: 09/13/24 09:13**

**Matrix: Water**

**Date Received: 09/14/24 10:25**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Analyst</u>	<u>Lab</u>	<u>Prepared or Analyzed</u>
Total/NA	Prep	PrecSep-21			680086	BCE	EET SL	09/19/24 08:34
Total/NA	Analysis	903.0		1	683125	FLC	EET SL	10/11/24 09:48
Total/NA	Prep	PrecSep_0			680134	BCE	EET SL	09/19/24 08:38
Total/NA	Analysis	904.0		1	682220	SCB	EET SL	10/04/24 12:17
Total/NA	Analysis	Ra226_Ra228		1	683555	EMH	EET SL	10/15/24 16:41

**Laboratory References:**

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



# Accreditation/Certification Summary

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

Job ID: 500-256375-2

## Laboratory: Eurofins St. Louis

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

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

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

# Tracer/Carrier Summary

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

Job ID: 500-256375-2

## 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)
500-256375-1	MW-11	86.9	
500-256375-1 DU	MW-11	86.2	
500-256375-2	MW-14	97.3	
500-256375-3	MW-15	90.6	
500-256375-4	MW-02	80.1	
500-256375-4 DU	MW-02	97.8	
500-256375-5	MW-03	90.3	
500-256375-6	MW-04	93.5	
500-256375-7	MW-05	101	
500-256375-8	MW-06	89.8	
500-256375-9	MW-07	96.8	
500-256375-10	MW-21D	88.1	
500-256375-11	Duplicate	96.0	
500-256375-12	MW-12R	80.4	
500-256375-13	MW-10	82.1	
500-256375-14	MW-01	91.8	
500-256375-15	MW-09	76.4	
500-256375-16	MW-16	79.9	
500-256375-17	MW-08	81.4	
500-256375-18	Duplicate	84.6	
500-256375-19	MW-22	85.9	
500-256375-20	MW-23	90.3	
500-256375-21	MW-18	69.2	
500-256375-22	MW-17	80.1	
500-256375-23	MW-13	72.5	
500-256375-28	MW-19	95.8	
500-256375-29	MW-18A	109	
LCS 160-679171/2-A	Lab Control Sample	96.6	
LCS 160-679302/2-A	Lab Control Sample	87.6	
LCS 160-679743/2-A	Lab Control Sample	109	
LCS 160-680012/2-A	Lab Control Sample	90.3	
LCS 160-680086/2-A	Lab Control Sample	104	
MB 160-679171/1-A	Method Blank	93.1	
MB 160-679302/1-A	Method Blank	99.5	
MB 160-679743/1-A	Method Blank	93.3	
MB 160-680012/1-A	Method Blank	97.0	
MB 160-680086/1-A	Method Blank	107	

**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)
500-256375-1	MW-11	86.9	85.2
500-256375-1 DU	MW-11	86.2	87.9
500-256375-2	MW-14	97.3	87.5

Euofins Chicago



# Tracer/Carrier Summary

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

Job ID: 500-256375-2

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

**Matrix: Water**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-256375-3	MW-15	90.6	86.4
500-256375-4	MW-02	80.1	76.6
500-256375-4 DU	MW-02	97.8	70.3
500-256375-5	MW-03	90.3	78.9
500-256375-6	MW-04	93.5	77.8
500-256375-7	MW-05	101	80.7
500-256375-8	MW-06	89.8	81.5
500-256375-9	MW-07	96.8	81.9
500-256375-10	MW-21D	88.1	78.9
500-256375-11	Duplicate	96.0	78.5
500-256375-12	MW-12R	80.4	77.0
500-256375-13	MW-10	82.1	78.5
500-256375-14	MW-01	91.8	80.7
500-256375-15	MW-09	76.4	72.9
500-256375-16	MW-16	79.9	73.6
500-256375-17	MW-08	81.4	78.5
500-256375-18	Duplicate	84.6	76.3
500-256375-19	MW-22	85.9	77.8
500-256375-20	MW-23	90.3	80.7
500-256375-21	MW-18	69.2	71.4
500-256375-22	MW-17	80.1	71.4
500-256375-23	MW-13	72.5	77.4
500-256375-28	MW-19	95.8	83.4
500-256375-29	MW-18A	109	82.6
LCS 160-679172/2-A	Lab Control Sample	96.6	83.4
LCS 160-679303/2-A	Lab Control Sample	87.6	82.6
LCS 160-679776/2-A	Lab Control Sample	109	83.4
LCS 160-680013/2-A	Lab Control Sample	90.3	78.1
LCS 160-680134/2-A	Lab Control Sample	104	85.6
MB 160-679172/1-A	Method Blank	93.1	87.5
MB 160-679303/1-A	Method Blank	99.5	82.6
MB 160-679776/1-A	Method Blank	93.3	84.1
MB 160-680013/1-A	Method Blank	97.0	79.6
MB 160-680134/1-A	Method Blank	107	87.5

**Tracer/Carrier Legend**

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	9/11/24
Sample Name	mw-01	Start Time	1214	
Condition of Well	GOOD			
Water Level	28.77	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	5qts	W L at Sample Time	28.78	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCR+CCA	Sample Time	1229	
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)
1216	28.77	7.13	19.8	698	7.80	101.5	9.88
1219	-	7.17	20.1	689	5.97	98.0	9.59
1222	-	7.17	19.9	690	5.19	95.7	8.78
1225	-	7.17	20.0	689	4.60	93.4	8.24

SAMPLING NOTES:

Duplicate 2 CCR

Sampler Name and Company:

KPRG and Associates

NK/JM

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	MW-02	Start Time	13:01	
Condition of Well	GOOD			
Water Level	31.80	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	4 qt	W L at Sample Time	31.82	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCA + CCR	Sample Time	1315	
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)
1302	31.80	7.52	19.2	823	8.86	122.2	6.36
1305	—	7.32	13.9	870	7.33	130.4	8.47
1308	—	7.21	13.7	869	5.52	130.8	7.97
1311	—	7.19	13.6	869	4.46	130.0	7.53

SAMPLING NOTES: CCR Duplicate 1

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	MW-03	Start Time	1423	
Condition of Well	GOOD			
Water Level	31.66	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	3gts	W L at Sample Time	31.66	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCA + CCP	Sample Time	1437	
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)
1424	31.66	7.89	16.9	738	8.83	134.2	7.41
1427	—	7.37	15.1	684	6.22	137.3	9.27
1430	—	7.31	14.9	682	5.27	136.6	8.98
1433	—	7.27	14.9	682	4.34	135.4	8.64

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

NK | JN

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	MW-04	Start Time	1528	
Condition of Well	Good			
Water Level	31.29	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	4 qts	W L at Sample Time	31.29	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCA & CCR	Sample Time	1544	
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)
1531	31.29	7.05	17.2	915	7.51	139.3	14.71
1534	-	6.99	17.3	914	6.68	141.9	8.74
1537	-	6.97	17.2	913	6.42	143.1	7.87
1540	-	6.96	17.2	912	6.14	143.6	7.64

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

*Jm & NK*

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	MW-05	Start Time	1148	
Condition of Well	GOOD			
Water Level	28.04	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	4 gal	W L at Sample Time	28.04	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & CCR	Sample Time	1206	
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)
1150	28.04	7.54	15.7	1184	7.26	75.6	7.07
1153	—	7.16	14.9	1024	6.16	88.1	9.46
1156	—	7.10	14.4	974	4.81	89.8	9.27
1159	—	7.09	14.4	<sup>955</sup> <del>3.93</del> mV	3.93	89.1	15.33
1202	—	7.10	14.4	949	3.41	88.3	8.70

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

*Jim [Signature] NK*

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	MW-06	Start Time	1051	
Condition of Well	Good			
Water Level	16.12	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	4 gal	W L at Sample Time	16.12	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCA & CCR	Sample Time	1108	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	pH (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1052	16.12	7.80	23.1	1172	7.46	-1.0	70.39
1055	-	7.72	22.4	1203	6.42	-51.3	75.20
1058	-	7.66	21.1	1216	5.11	-120.6	36.47
1101		7.64	21.8	1215	3.66	-149.7	15.89
1104		7.64	22.2	1218	3.10	158.1	12.45

SAMPLING NOTES: paused purging @ 1052 to allow security to pass.

Sampler Name and Company:

KPRG and Associates

NR | JM

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	mw-07	Start Time	0957	
Condition of Well	Good			
Water Level	31.85	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	cloudy, brown	
Volume Removed	5gts	W L at Sample Time	31.89	
Method of Sample	Low-Flow	Sample Characteristics	cloudy, brown	
Sample Analysis	CCR + CCA	Sample Time	1013	
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)
1000	31.85	6.89	16.9	1608	7.92	-66.8	88.04
1003	—	6.72	16.8	1722	5.82	-93.0	22.03
1006	—	6.70	16.7	1740	4.87	-101.1	18.44
1009	—	6.69	16.6	1745	3.91	-108.8	17.49

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates NX JIM



PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	9/11/24
Sample Name	MW-10	Start Time	1340	
Condition of Well	GOOD			
Water Level	20.26	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	slightly cloudy gray	
Volume Removed	5gts	W L at Sample Time	20.27	
Method of Sample	Low-Flow	Sample Characteristics	slightly cloudy gray	
Sample Analysis	CCA + CCR	Sample Time	1358	
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)
1341	20.26	7.51	14.6	964	8.48	126.4	12.29
1344	-	7.19	13.7	856	7.00	131.4	86.60
1347	-	7.05	13.5	843	5.25	134.4	42.69
1350	-	6.95	13.5	838	4.28	138.1	32.56
1353	-	6.94	13.4	836	3.69	137.3	31.08

SAMPLING NOTES: CCA Duplicate

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/9/2024
Sample Name	MW-14	Start Time	1149	
Condition of Well	Good			
Water Level	24.85	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Clear	
Volume Removed	1 qt	W L at Sample Time	25.40	
Method of Sample	Low-Flow	Sample Characteristics	Clear	
Sample Analysis	CCA & CCR	Sample Time	1205	
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)
1150	24.85	7.08	20.4	3776	7.15	134.2	8.72
1153		7.14	21.7	3788	6.73	128.6	8.64

SAMPLING NOTES: insufficient water in well for readings  
 CCA RAD 226 Bottle was field filtered

Sampler Name and Company:

KPRG and Associates Jim & ~~KA~~ KA NK

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/11/24
Sample Name	MW-11e	Start Time	0945	
Condition of Well	Good			
Water Level	28.33	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	clear	
Volume Removed	4.5 qts	W L at Sample Time	28.33	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCR + CEA	Sample Time	1000	
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)
0947	28.33	7.30	16.7	734	9.12	132.4	6.70
0950	-	7.15	15.0	550	9.14	136.5	9.22
0953	-	7.10	14.6	724	9.09	139.2	17.37
0954	-	7.05	14.5	726	9.05	143.0	8.22

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

PROJECT NAME	NRG - POWERTON STATION (12313.1)		DATE	9/12/24
Sample Name	MW-18A	Start Time	1229	
Condition of Well	Good			
Water Level	33.14	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	slightly cloudy gray	
Volume Removed	400mL	W L at Sample Time	33.48	
Method of Sample	Low-Flow	Sample Characteristics	cloudy, gray	
Sample Analysis	CCR	Sample Time	1233	
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)
1231	33.14	6.95	22.2	1853	7.11	-67.9	85.61

SAMPLING NOTES: low yielding well. Purged into flow-through cell to take readings  
sampled: TDS, metals, sulfate, + chloride / fluoride. well ran dry  
9/13/24: sample time = 9:13 DTW-33.94. Only 2 Radium bottles filled. low yielding well

Sampler Name and Company: KPRG and Associates NH/JM

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/10/24
Sample Name	mw-21D	Start Time	0848	
Condition of Well	Good			
Water Level	33.89	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	cloudy brown	
Volume Removed	4.5qt	W L at Sample Time	33.89	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCR	Sample Time	0902	
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)
0849	33.89	7.92	19.2	865	9.12	23.3	35.29
0852	—	7.70	15.8	966	8.28	26.1	84.46
0855	—	7.50	15.4	978	5.72	28.9	31.84
0858		7.46	15.3	978	4.70	22.6	22.92

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

NK | JM

DATE: 9/10/24

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	9/12/24
Sample Name	MW-22	Start Time	1313	
Condition of Well	GOOD			
Water Level	21.41	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-Flow	Purge Characteristics	Slightly cloudy	
Volume Removed	5 gts	W L at Sample Time	21.45	
Method of Sample	Low-Flow	Sample Characteristics	clear	
Sample Analysis	CCR	Sample Time	1331	
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)
1315	21.41	7.91	18.6	1164	8.47	75.8	41.89
1318	-	7.04	16.2	883	5.81	76.2	121.37
1321	-	6.83	16.0	890	4.47	13.7	45.44
1324	-	6.80	15.9	895	3.45	-16.8	22.44
1327	-	6.77	15.9	899	3.13	-18.1	18.3

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates NK/JM