

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 1st quarter 2025 which includes the entire list of wells specified under Special Conditions #12 and #13 and parameters specified under Special Conditions #21 and #22. Tables 1 and 2 are summary tables of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring. The tables include the Groundwater Protection Standards (GWPSs) specified in Special Conditions #21 and #22 for the Silty Clay/Silt unit and the Sand and Gravel unit, respectively. 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 on the fourth quarter 2024 60-day submittal and 2024 Annual Report, Table 1 had the fourth quarter MW-18A resample date incorrectly recorded as '1/7/2024 R'. This has been corrected to '1/7/2025 R' on this report and this correction will be carried through all future transmittals.

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium
GWPS		4.7	NSP	200.0	4.0	6.5-9.0	400.0	1200.0	0.006	0.010	2.0	0.0040	0.005	0.1	0.006	0.0075	0.04	0.002	0.10	5.0	0.05	0.002
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020
	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
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.755	< 0.0025	< 0.0020
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020
MW-06 downgradient	6/18/2024	0.39	94	140	0.49	7.64	220	820	< 0.0030	0.0021	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	0.010	< 0.722	< 0.0025	< 0.0020
	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
	11/19/2024	0.27	96	150	0.43	7.65	290	950	< 0.0030	0.0028	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.19	< 0.0025	< 0.0020
	2/26/2025	0.24	100	150	0.38	7.66	220	750	< 0.0030	0.0024	0.063	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.364	< 0.0025	< 0.0020
MW-14 downgradient	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
	2/22/2023	2.2	190	120	0.76	7.40	600	1700	< 0.0030	0.015	0.067	^1+ ^+ < 0.0010	0.00085	< 0.0050	< 0.0010	0.0015	0.021	0.00022	0.025	< 0.552	0.024	0.0020
	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 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	1500	3900	< 0.0030	0.0020	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.10	< 0.553	0.053	0.0051
	9/9/2024	2.3	230	110	1.4	7.14	1800	4100	^1+ < 0.0030	0.0029	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.14	0.584	0.010	0.0035
	11/18/2024	2.7	250	110	< 1.3	7.15	1700	3800	< 0.0030	0.0019	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.11	< 0.639	< 0.0025	0.0026
	2/26/2025	2.4	260	100	1.2	7.02	1400	3400	< 0.0030	0.0013	0.040	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.064	< 0.334	0.0054	0.0021
MW-18A downgradient	9/12/2024	0.53	220	140	0.23	6.95	270	1400	< 0.0030	0.0064	0.46	< 0.0010	< 0.00050	0.011	0.0046	0.0044	0.015	< 0.00020	0.010	< 0.983	< 0.0025	< 0.0020
	11/19/2024	0.33	290	110	0.30	6.79	140	1500	< 0.0030	0.0087	0.34	< 0.0010	< 0.00050	< 0.0050	0.0065	< 0.00050	< 0.010	< 0.00020	0.0086	1.20	< 0.0025	< 0.0020
	1/7/2025 R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0072	NS	NS	NS	NS	NS	NS	NS
	2/27/2025	0.40	300	120	0.31	6.75	1600	1500	< 0.0030	0.0094	0.41	^1+ < 0.0010	< 0.00050	< 0.0050	0.0050	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.26	< 0.0025	< 0.0020
	3/28/2025 R	NS	NS	NS	NS	NS	59	DNYA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22 downgradient	6/18/2024	0.98	130	110	0.40	6.95	220	940	< 0.0030	0.0037	0.14	< 0.0010	< 0.00050	< 0.0050	0.0027	< 0.00050	^1+ < 0.010	< 0.00020	0.028	0.718	0.0029	< 0.0020
	9/12/2024	2.9	120	40	0.36	6.77	120	660	< 0.0030	0.018	0.16	< 0.0010	< 0.00050	< 0.0050	0.0033	< 0.00050	< 0.010	< 0.00020	0.034	< 0.698	0.0089	< 0.0020
	11/20/2024	2.7	120	40	0.35	6.97	120	710	< 0.0030	0.0028	0.10	< 0.0010	< 0.00050	< 0.0050	0.0025	< 0.00050	< 0.010	< 0.00020	0.034	0.807	0.023	< 0.0020
	2/25/2025	2.7	120	34	0.34	6.93	120	570	< 0.0030	0.0041	0.11	< 0.0010	< 0.00050	< 0.0050	0.0026	< 0.00050	< 0.010	< 0.00020	0.038	1.05	0.017	< 0.0020

Notes: All units are in mg/L, exceptions are pH (standard units) and turbidity (NTU).

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

B - Compound was found in the blank and sample

NSP - No Standard Provided

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

H - Sample was prepped MS and/or MSD Recovery outside of limits.

NS - Analyte not sampled.

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

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

DNYA - 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 Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium + 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 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020
	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
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.755	< 0.0025	< 0.0020
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020
	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
MW-01 downgradient	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	NS	< 0.001	0.051	NS	< 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	NS	< 0.001	0.058	NS	< 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	< 0.0002	0.078	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0020	< 0.574	< 0.0025	< 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	<						

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium
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-03 downgradient	6/20/2017	0.4	76	54	0.29	7.26	49	480	< 0.003	0.0013	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.325	< 0.0025	< 0.002
	8/23/2017	0.40	79	52	0.28	7.44	52	430	< 0.003	0.0010	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	1.200	< 0.0025	< 0.002
	11/7/2017	0.31	79	62	0.26	7.04	61	460	< 0.003	0.0013	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.588	< 0.0025	< 0.002
	5/15/2018	0.35	87	66	0.27	7.53	77	520	< 0.003	0.0010	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.489	< 0.0025	< 0.002
	8/7/2018	0.40	82	67	0.22	6.60	49	500	< 0.003	0.0015	0.067	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002
	10/30/2018	0.20	74	44	0.25	7.84	26	400	< 0.003	0.0014	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.354	< 0.0025	< 0.002
	2/26/2019	0.06	74	56	0.24	7.49	25	410	< 0.003	0.0013	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	0.0007	< 0.01	< 0.0002	< 0.005	< 0.399	< 0.0025	< 0.002
	4/30/2019	0.28	74	49	0.22	7.17	38	390	< 0.003	< 0.001	0.060	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.668	< 0.0025	< 0.002
	8/26/2019	0.31	75	50	0.26	7.17	14	380	< 0.003	0.0014	0.069	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.444	< 0.0025	< 0.002
	2/24/2020	0.33	87	53	0.22	7.10	65	470	< 0.003	< 0.001	0.066	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.400	< 0.0025	< 0.002
	4/28/2020	0.24	86	46	0.22	7.03	79	410	NS	0.0013	0.066	NS	NS	< 0.005	< 0.001	< 0.0005	NS	NS	< 0.005	< 0.498	0.0036	NS
	12/9/2020	0.86	92	45	0.28	7.46	60	390	NS	< 0.001	0.086	NS	NS	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.432	< 0.0025	NS
	5/11/2021	0.22	75	49	0.21	7.33	38	390	< 0.003	< 0.001	0.07	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.519	< 0.0025	< 0.002
	8/24/2021	0.41	81	46	0.25	7.15	32	310	< 0.003	0.0012	0.072	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.444	< 0.0025	< 0.002
	11/30/2021	0.3	76	47	0.26	7.20	^ 23	350	< 0.003	0.0014	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.004	< 0.0002	< 0.005	< 0.436	< 0.0025	< 0.002
	2/8/2022	0.2	94	47	0.21	7.22	50	550	< 0.003	0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.003	< 0.0002	< 0.005	0.593	< 0.0025	< 0.002
	6/7/2022	0.37	79	45	0.22	7.37	47	370	< 0.003	0.0012	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.851	< 0.0025	< 0.002
	8/30/2022	0.57	87	50	0.21	7.10	51	710	< 0.003	< 0.001	0.1	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	0.589	< 0.0025	< 0.002
	11/14/2022	0.42	81	49	0.28	7.23	44	430	< 0.003	< 0.001	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.54	< 0.0025	< 0.002
	2/21/2023	1.00	96	53	0.20	7.75	70	550	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.493	< 0.0025	< 0.0020
	5/16/2023	0.15	80	69	0.21	7.42	31	420	< 0.0030	< 0.0010	0.068	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.993	0.0038	< 0.0020
	8/28/2023	0.32	73	82	0.20	7.28	36	430	< 0.0020	< 0.0020	0.096	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0023	< 0.742	0.0070	0.0030
	11/7/2023	1.1	90	59	0.19	7.29	91	530	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.0758	0.0055	< 0.0020
	2/22/2024	0.19	88	64	0.20	7.51	66	520	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.698	0.0058	< 0.0020
	6/19/2024	0.93	100	54	0.24	6.80	73	540	< 0.0030	0.0011	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.727	< 0.0025	< 0.0020
	9/10/2024	0.21	78	68	0.19	7.27	21	420	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.684	< 0.0025	< 0.0020
	11/19/2024	0.67	84	58	0.18	7.18	48	510	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0657	< 0.0025	< 0.0020
	2/25/2025	0.35	92	64	0.18	7.14	39	470	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.331	0.0047	< 0.0020
MW-04 downgradient	6/20/2017	0.5	77	55	0.29	7.45	53	480	< 0.003	< 0.001	0.0025	< 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	<		

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium
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-05 downgradient	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	NS	0.001	0.052	NS	NS	< 0.005	< 0.001	< 0.0005	NS	NS	0.0074	0.508	< 0.0025	NA
	12/9/2020	0.53	98	78	0.31	6.91	110	670	NS	< 0.001	0.05	NS	NS	< 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	< 0.0005	0.007	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0073	0.863	< 0.0025	< 0.002
	11/30/2021	0.68	99	67	0.3	6.92	^ 92	620	< 0.003	0.0011	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0052	< 0.0002	0.0051	0.632	< 0.0025	< 0.002
	2/8/2022	0.56	88	68	0.36	6.95	91	650	< 0.003	< 0.001	0.043	< 0.001	0.00066	< 0.005	0.0023	0.0017	0.0051	< 0.0002	0.007	< 0.438	< 0.0025	< 0.002
	6/7/2022	0.59	110	58	0.27	7.15	120	650	< 0.003	< 0.001	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	0.00034	< 0.005	< 0.468	< 0.0025	< 0.002
	8/30/2022	0.69	79	73	0.38	6.94	86	720	< 0.003	< 0.001	0.029	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	0.0073	< 0.538	< 0.0025	< 0.002
	11/14/2022	1.1	96	64	0.29	6.87	93	600	< 0.003	< 0.001	0.072	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0064	< 0.573	< 0.0025	< 0.002
	2/21/2023	0.68	100	93	0.29	7.34	97	760	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.528	0.0031	< 0.0020
	5/16/2023	0.78	110	79	0.30	7.04	130	690	< 0.0030	< 0.0010	0.053	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.648	< 0.0025	< 0.0020
	8/29/2023	1.1	98	80	0.29	6.99	83	660	< 0.0020	< 0.0020	0.037	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0040	0.817	< 0.005	< 0.0010
	11/7/2023	1.5	110	98	0.26	6.96	150	700	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	0.428	0.0025	< 0.0020
	2/22/2024	3.3	120	93	0.30	7.17	190	830	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.965	< 0.0025	< 0.0020
	6/19/2024	1.8	140	82	0.33	6.74	190	850	< 0.0030	< 0.0010	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.797	< 0.0025	< 0.0020
	9/10/2024	2.3	100	61	0.26	7.10	120	670	< 0.0030	< 0.0010	0.060	< 0.0010	0.00059	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0065	2.74	< 0.0025	< 0.0020
	11/19/2024	1.8	120	74	0.27	6.90	120	730	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.844	< 0.0025	< 0.0020
	2/25/2025	2.1	130	96	0.24	6.94	160	750	< 0.0030	< 0.0010	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0050	0.873	< 0.0025	< 0.0020
MW-07 downgradient	6/18/2024	0.79	230	130	0.50	6.56	49	1100	< 0.0030	0.12	0.48	< 0.0010	< 0.00050	0.0073	0.0088	0.0051	^1+ < 0.010	< 0.00020	0.0058	< 1.29	< 0.0025	< 0.0020
	9/10/2024	0.39	250	140	0.39	6.69	24	1000	< 0.0030	0.14	0.49	< 0.0010	< 0.00050	< 0.0050	0.0074	0.0010	< 0.010	< 0.00020	0.0069	6.30	< 0.0025	< 0.0020
	11/20/2024	0.51	230	15																		

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
	11/20/2024	5.80
	2/25/2025	7.63
MW-06	6/18/2024	11.22
	9/10/2024	12.45
	11/19/2024	8.99
	2/26/2025	6.26
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
	11/19/2024	8.99
	2/26/2025	6.43
MW-18A	9/12/2024	85.61
	11/19/2024	34.77
	2/27/2025	24.90
MW-22	6/20/2024	12.39
	9/12/2024	18.30
	11/20/2024	5.85
	2/25/2025	11.89

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
	11/20/2024	5.80
	2/25/2025	7.63
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
	11/21/2024	3.44
	2/27/2025	8.59
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
	11/19/2024	3.32
	2/26/2025	8.42
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
	11/19/2024	3.83
	2/25/2025	6.12
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
	11/19/2024	3.26
	2/25/2025	6.26

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
	11/19/2024	3.18
	2/25/2025	6.34
MW-07	6/18/2024	40.69
	9/10/2024	17.49
	11/20/2024	25.87
	2/27/2025	53
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
	11/21/2024	18.30
	2/24/2025	324.52
MW-21D	6/17/2024	162.37
	9/10/2024	22.92
	11/18/2024	72.04
	2/26/2025	14.96

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/18/2025 8:45:08 AM

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-264388-1

Eurofins Chicago

Job Notes

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Case Narrative

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

Job ID: 500-264388-1

Job ID: 500-264388-1

Eurofins Chicago

Job Narrative 500-264388-1

Receipt

The samples were received on 2/25/2025 10:00 AM, 2/26/2025 10:10 AM, 2/27/2025 9:45 AM, 2/28/2025 9:20 AM and 3/1/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6°C, -0.3°C, 0.0°C, 0.2°C, 0.8°C, 1.7°C, 2.7°C and 5.7°C.

Receipt Exceptions

The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: MW-18A (500-264388-21). The sample was adjusted to the appropriate pH in the laboratory.

Metals

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate (500-264388-1) and MW-10 (500-264388-2). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-809599 was above the upper control limit. The affected analyte is: Beryllium. 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 500-809219 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_SO4_E: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-809497 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

Eurofins Chicago

Method Summary

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

Job ID: 500-264388-1

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

Protocol References:

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-264388-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264388-1	Duplicate	Water	02/24/25 00:00	02/25/25 10:00
500-264388-2	MW-10	Water	02/24/25 12:32	02/25/25 10:00
500-264388-3	MW-11	Water	02/24/25 13:51	02/25/25 10:00
500-264388-4	MW-03	Water	02/25/25 14:48	02/26/25 10:10
500-264388-5	MW-04	Water	02/25/25 13:06	02/26/25 10:10
500-264388-6	MW-05	Water	02/25/25 12:08	02/26/25 10:10
500-264388-7	MW-15	Water	02/25/25 09:35	02/26/25 10:10
500-264388-8	MW-16	Water	02/25/25 10:43	02/26/25 10:10
500-264388-9	MW-22	Water	02/25/25 08:28	02/26/25 10:10
500-264388-10	Duplicate 2	Water	02/25/25 00:00	02/26/25 10:10
500-264388-11	Duplicate 3	Water	02/26/25 00:00	02/27/25 09:45
500-264388-12	MW-08	Water	02/26/25 14:17	02/27/25 09:45
500-264388-13	MW-06	Water	02/26/25 13:24	02/27/25 09:45
500-264388-14	MW-07	Water	02/26/25 12:09	02/27/25 09:45
500-264388-15	MW-02	Water	02/26/25 10:26	02/27/25 09:45
500-264388-16	MW-21D	Water	02/26/25 08:30	02/27/25 09:45
500-264388-17	MW-12R	Water	02/27/25 12:04	02/28/25 09:20
500-264388-18	MW-09	Water	02/27/25 11:00	02/28/25 09:20
500-264388-19	MW-01	Water	02/27/25 08:23	02/28/25 09:20
500-264388-20	MW-18	Water	02/27/25 09:39	02/28/25 09:20
500-264388-21	MW-18A	Water	02/27/25 10:09	02/28/25 09:20
500-264388-22	MW-14	Water	02/26/25 09:13	03/01/25 09:30
500-264388-23	MW-19	Water	02/28/25 08:56	03/01/25 09:30

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate

Lab Sample ID: 500-264388-1

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/25 16:19	03/04/25 15:41	1
Arsenic	0.0011		0.0010		mg/L		02/25/25 16:19	03/04/25 15:41	1
Barium	0.34		0.0025		mg/L		02/25/25 16:19	03/04/25 15:41	1
Beryllium	<0.0010		0.0010		mg/L		02/25/25 16:19	03/06/25 12:29	1
Boron	5.3		0.25		mg/L		02/25/25 16:19	03/06/25 12:22	5
Cadmium	<0.00050		0.00050		mg/L		02/25/25 16:19	03/04/25 15:41	1
Calcium	130		0.20		mg/L		02/25/25 16:19	03/04/25 15:41	1
Chromium	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:41	1
Cobalt	0.0053		0.0010		mg/L		02/25/25 16:19	03/04/25 15:41	1
Lead	0.00062		0.00050		mg/L		02/25/25 16:19	03/04/25 15:41	1
Lithium	<0.010		0.010		mg/L		02/25/25 16:19	03/06/25 12:29	1
Molybdenum	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:41	1
Selenium	0.0067		0.0025		mg/L		02/25/25 16:19	03/04/25 15:41	1
Thallium	<0.0020		0.0020		mg/L		02/25/25 16:19	03/04/25 15:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/26/25 13:40	02/27/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			02/26/25 04:14	1
Chloride (SM 4500 Cl- E)	49		4.0		mg/L			03/09/25 11:16	2
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			02/26/25 11:13	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/11/25 09:34	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-10

Lab Sample ID: 500-264388-2

Date Collected: 02/24/25 12:32

Matrix: Water

Date Received: 02/25/25 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/25 16:19	03/04/25 15:48	1
Arsenic	0.0020		0.0010		mg/L		02/25/25 16:19	03/04/25 15:48	1
Barium	0.59		0.0025		mg/L		02/25/25 16:19	03/04/25 15:48	1
Beryllium	<0.0010		0.0010		mg/L		02/25/25 16:19	03/06/25 12:31	1
Boron	5.1		0.25		mg/L		02/25/25 16:19	03/06/25 12:24	5
Cadmium	<0.00050		0.00050		mg/L		02/25/25 16:19	03/04/25 15:48	1
Calcium	130		0.20		mg/L		02/25/25 16:19	03/04/25 15:48	1
Chromium	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:48	1
Cobalt	0.012		0.0010		mg/L		02/25/25 16:19	03/04/25 15:48	1
Lead	0.0016		0.00050		mg/L		02/25/25 16:19	03/04/25 15:48	1
Lithium	<0.010		0.010		mg/L		02/25/25 16:19	03/06/25 12:31	1
Molybdenum	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:48	1
Selenium	0.0061		0.0025		mg/L		02/25/25 16:19	03/04/25 15:48	1
Thallium	<0.0020		0.0020		mg/L		02/25/25 16:19	03/04/25 15:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/26/25 13:40	02/27/25 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			02/26/25 04:16	1
Chloride (SM 4500 Cl- E)	49		4.0		mg/L			03/09/25 11:16	2
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			02/26/25 11:17	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/11/25 09:35	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-11

Lab Sample ID: 500-264388-3

Date Collected: 02/24/25 13:51

Matrix: Water

Date Received: 02/25/25 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/25 16:19	03/04/25 15:55	1
Arsenic	0.027		0.0010		mg/L		02/25/25 16:19	03/04/25 15:55	1
Barium	0.29		0.0025		mg/L		02/25/25 16:19	03/04/25 15:55	1
Beryllium	<0.0010		0.0010		mg/L		02/25/25 16:19	03/06/25 12:34	1
Boron	2.1		0.050		mg/L		02/25/25 16:19	03/06/25 12:34	1
Cadmium	<0.00050		0.00050		mg/L		02/25/25 16:19	03/04/25 15:55	1
Calcium	130		0.20		mg/L		02/25/25 16:19	03/04/25 15:55	1
Chromium	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:55	1
Cobalt	0.0030		0.0010		mg/L		02/25/25 16:19	03/04/25 15:55	1
Lead	0.0018		0.00050		mg/L		02/25/25 16:19	03/04/25 15:55	1
Lithium	<0.010		0.010		mg/L		02/25/25 16:19	03/06/25 12:34	1
Molybdenum	0.012		0.0050		mg/L		02/25/25 16:19	03/04/25 15:55	1
Selenium	<0.0025		0.0025		mg/L		02/25/25 16:19	03/04/25 15:55	1
Thallium	<0.0020		0.0020		mg/L		02/25/25 16:19	03/04/25 15:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/26/25 13:40	02/27/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	690		10		mg/L			02/26/25 04:19	1
Chloride (SM 4500 Cl- E)	59		4.0		mg/L			03/09/25 11:17	2
Fluoride (SM 4500 F C)	0.47		0.10		mg/L			02/26/25 11:22	1
Sulfate (SM 4500 SO4 E)	96		10		mg/L			03/11/25 09:35	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-03

Lab Sample ID: 500-264388-4

Date Collected: 02/25/25 14:48

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:07	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:07	1
Barium	0.13		0.0025		mg/L		02/26/25 16:22	03/05/25 20:07	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:07	1
Boron	0.35		0.050		mg/L		02/26/25 16:22	03/06/25 15:45	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:07	1
Calcium	92		0.20		mg/L		02/26/25 16:22	03/05/25 20:07	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:07	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:07	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:07	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:07	1
Molybdenum	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:07	1
Selenium	0.0047		0.0025		mg/L		02/26/25 16:22	03/05/25 20:07	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	470		10		mg/L			03/03/25 12:04	1
Chloride (SM 4500 Cl- E)	64		4.0		mg/L			03/09/25 11:17	2
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			03/06/25 14:11	1
Sulfate (SM 4500 SO4 E)	39		5.0		mg/L			03/11/25 09:20	1

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-04

Lab Sample ID: 500-264388-5

Date Collected: 02/25/25 13:06

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:20	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:20	1
Barium	0.079		0.0025		mg/L		02/26/25 16:22	03/05/25 20:20	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:20	1
Boron	3.4		0.050		mg/L		02/26/25 16:22	03/06/25 15:58	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:20	1
Calcium	110		0.20		mg/L		02/26/25 16:22	03/05/25 20:20	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:20	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:20	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:20	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:20	1
Molybdenum	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:20	1
Selenium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:20	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	570		10		mg/L			03/03/25 12:06	1
Chloride (SM 4500 Cl- E)	62		4.0		mg/L			03/09/25 11:17	2
Fluoride (SM 4500 F C)	0.23		0.10		mg/L			03/06/25 14:15	1
Sulfate (SM 4500 SO4 E)	99		10		mg/L			03/11/25 09:35	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-05

Lab Sample ID: 500-264388-6

Date Collected: 02/25/25 12:08

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:22	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:22	1
Barium	0.081		0.0025		mg/L		02/26/25 16:22	03/05/25 20:22	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:22	1
Boron	2.1		0.050		mg/L		02/26/25 16:22	03/06/25 16:00	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:22	1
Calcium	130		0.20		mg/L		02/26/25 16:22	03/05/25 20:22	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:22	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:22	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:22	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:22	1
Molybdenum	0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:22	1
Selenium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:22	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			03/03/25 12:08	1
Chloride (SM 4500 Cl- E)	96		10		mg/L			03/09/25 11:30	5
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			03/06/25 14:20	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			03/11/25 09:37	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-15

Lab Sample ID: 500-264388-7

Date Collected: 02/25/25 09:35

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:29	1
Arsenic	0.0076		0.0010		mg/L		02/26/25 16:22	03/05/25 20:29	1
Barium	0.062		0.0025		mg/L		02/26/25 16:22	03/05/25 20:29	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:29	1
Boron	1.3		0.050		mg/L		02/26/25 16:22	03/06/25 16:11	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:29	1
Calcium	210		0.20		mg/L		02/26/25 16:22	03/05/25 20:29	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:29	1
Cobalt	0.0012		0.0010		mg/L		02/26/25 16:22	03/05/25 20:29	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:29	1
Lithium	0.023		0.010		mg/L		02/26/25 16:22	03/05/25 20:29	1
Molybdenum	0.093		0.0050		mg/L		02/26/25 16:22	03/05/25 20:29	1
Selenium	0.021		0.0025		mg/L		02/26/25 16:22	03/05/25 20:29	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			03/03/25 12:09	1
Chloride (SM 4500 Cl- E)	260		20		mg/L			03/09/25 11:30	10
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			03/06/25 14:25	1
Sulfate (SM 4500 SO4 E)	330		50		mg/L			03/11/25 09:53	10

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-16

Lab Sample ID: 500-264388-8

Date Collected: 02/25/25 10:43

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:32	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:32	1
Barium	0.046		0.0025		mg/L		02/26/25 16:22	03/05/25 20:32	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:32	1
Boron	0.14		0.050		mg/L		02/26/25 16:22	03/06/25 16:03	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:32	1
Calcium	120		0.20		mg/L		02/26/25 16:22	03/05/25 20:32	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:32	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:32	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:32	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:32	1
Molybdenum	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:32	1
Selenium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:32	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520		10		mg/L			03/03/25 12:11	1
Chloride (SM 4500 Cl- E)	28		2.0		mg/L			03/09/25 11:00	1
Fluoride (SM 4500 F C)	0.11		0.10		mg/L			03/06/25 14:38	1
Sulfate (SM 4500 SO4 E)	32		5.0		mg/L			03/11/25 09:21	1

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-22

Lab Sample ID: 500-264388-9

Date Collected: 02/25/25 08:28

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:34	1
Arsenic	0.0041		0.0010		mg/L		02/26/25 16:22	03/05/25 20:34	1
Barium	0.11		0.0025		mg/L		02/26/25 16:22	03/05/25 20:34	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:34	1
Boron	2.7		0.050		mg/L		02/26/25 16:22	03/06/25 16:13	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:34	1
Calcium	120		0.20		mg/L		02/26/25 16:22	03/05/25 20:34	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:34	1
Cobalt	0.0026		0.0010		mg/L		02/26/25 16:22	03/05/25 20:34	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:34	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:34	1
Molybdenum	0.038		0.0050		mg/L		02/26/25 16:22	03/05/25 20:34	1
Selenium	0.017		0.0025		mg/L		02/26/25 16:22	03/05/25 20:34	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	570		10		mg/L			03/03/25 12:13	1
Chloride (SM 4500 Cl- E)	34		2.0		mg/L			03/09/25 11:00	1
Fluoride (SM 4500 F C)	0.34		0.10		mg/L			03/06/25 14:42	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			03/11/25 09:53	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-264388-10

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:37	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:37	1
Barium	0.079		0.0025		mg/L		02/26/25 16:22	03/05/25 20:37	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:37	1
Boron	3.4		0.050		mg/L		02/26/25 16:22	03/06/25 16:17	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:37	1
Calcium	110		0.20		mg/L		02/26/25 16:22	03/05/25 20:37	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:37	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:37	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:37	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:37	1
Molybdenum	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:37	1
Selenium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:37	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	580		10		mg/L			03/03/25 12:15	1
Chloride (SM 4500 Cl- E)	63		4.0		mg/L			03/09/25 11:30	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			03/06/25 14:46	1
Sulfate (SM 4500 SO4 E)	99		10		mg/L			03/11/25 09:37	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-264388-11

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:08	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:08	1
Barium	0.10		0.0025		mg/L		03/06/25 08:10	03/11/25 16:08	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:08	1
Boron	2.0		0.050		mg/L		03/06/25 08:10	03/12/25 13:34	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:08	1
Calcium	120		0.20		mg/L		03/06/25 08:10	03/11/25 16:08	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:08	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:08	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:08	1
Lithium	0.012		0.010		mg/L		03/06/25 08:10	03/11/25 16:08	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:08	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:08	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520		10		mg/L			03/04/25 13:41	1
Chloride (SM 4500 Cl- E)	51		4.0		mg/L			03/09/25 11:31	2
Fluoride (SM 4500 F C)	0.15		0.10		mg/L			03/06/25 14:51	1
Sulfate (SM 4500 SO4 E)	79		10		mg/L			03/11/25 09:38	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-08

Lab Sample ID: 500-264388-12

Date Collected: 02/26/25 14:17

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:10	1
Arsenic	0.0026		0.0010		mg/L		03/06/25 08:10	03/11/25 16:10	1
Barium	0.13		0.0025		mg/L		03/06/25 08:10	03/11/25 16:10	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:10	1
Boron	0.55		0.050		mg/L		03/06/25 08:10	03/12/25 13:37	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:10	1
Calcium	120		0.20		mg/L		03/06/25 08:10	03/11/25 16:10	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:10	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:10	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:10	1
Lithium	0.022		0.010		mg/L		03/06/25 08:10	03/11/25 16:10	1
Molybdenum	0.0099		0.0050		mg/L		03/06/25 08:10	03/11/25 16:10	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:10	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	810		10		mg/L			03/04/25 13:47	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			03/09/25 11:31	5
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			03/06/25 15:04	1
Sulfate (SM 4500 SO4 E)	180		25		mg/L			03/11/25 09:38	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-06

Lab Sample ID: 500-264388-13

Date Collected: 02/26/25 13:24

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:13	1
Arsenic	0.0024		0.0010		mg/L		03/06/25 08:10	03/11/25 16:13	1
Barium	0.063		0.0025		mg/L		03/06/25 08:10	03/11/25 16:13	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:13	1
Boron	0.24		0.050		mg/L		03/06/25 08:10	03/12/25 13:40	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:13	1
Calcium	100		0.20		mg/L		03/06/25 08:10	03/11/25 16:13	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:13	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:13	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:13	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:13	1
Molybdenum	0.011		0.0050		mg/L		03/06/25 08:10	03/11/25 16:13	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:13	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	800		10		mg/L			03/04/25 15:39	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			03/09/25 11:31	5
Fluoride (SM 4500 F C)	0.38		0.10		mg/L			03/06/25 15:08	1
Sulfate (SM 4500 SO4 E)	220		25		mg/L			03/11/25 09:38	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-07

Lab Sample ID: 500-264388-14

Date Collected: 02/26/25 12:09

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:15	1
Arsenic	0.15		0.0010		mg/L		03/06/25 08:10	03/11/25 16:15	1
Barium	0.56		0.0025		mg/L		03/06/25 08:10	03/11/25 16:15	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:15	1
Boron	0.50		0.050		mg/L		03/06/25 08:10	03/12/25 13:42	1
Cadmium	0.00070		0.00050		mg/L		03/06/25 08:10	03/11/25 16:15	1
Calcium	280		0.20		mg/L		03/06/25 08:10	03/11/25 16:15	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:15	1
Cobalt	0.010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:15	1
Lead	0.0033		0.00050		mg/L		03/06/25 08:10	03/11/25 16:15	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:15	1
Molybdenum	0.0092		0.0050		mg/L		03/06/25 08:10	03/11/25 16:15	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:15	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			03/04/25 15:41	1
Chloride (SM 4500 Cl- E)	150	F1	10		mg/L			03/09/25 11:32	5
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			03/06/25 15:12	1
Sulfate (SM 4500 SO4 E)	39		5.0		mg/L			03/11/25 09:22	1

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-02

Lab Sample ID: 500-264388-15

Date Collected: 02/26/25 10:26

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:17	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:17	1
Barium	0.11		0.0025		mg/L		03/06/25 08:10	03/11/25 16:17	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:17	1
Boron	2.1		0.050		mg/L		03/06/25 08:10	03/12/25 13:45	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:17	1
Calcium	120		0.20		mg/L		03/06/25 08:10	03/11/25 16:17	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:17	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:17	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:17	1
Lithium	0.012		0.010		mg/L		03/06/25 08:10	03/11/25 16:17	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:17	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:17	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			03/04/25 15:43	1
Chloride (SM 4500 Cl- E)	51		4.0		mg/L			03/10/25 12:21	2
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			03/06/25 15:17	1
Sulfate (SM 4500 SO4 E)	97		10		mg/L			03/11/25 14:46	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-21D

Lab Sample ID: 500-264388-16

Date Collected: 02/26/25 08:30

Matrix: Water

Date Received: 02/27/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:20	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:20	1
Barium	0.096		0.0025		mg/L		03/06/25 08:10	03/11/25 16:20	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:20	1
Boron	1.2		0.050		mg/L		03/06/25 08:10	03/12/25 13:47	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:20	1
Calcium	81		0.20		mg/L		03/06/25 08:10	03/11/25 16:20	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:20	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:20	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:20	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:20	1
Molybdenum	0.022		0.0050		mg/L		03/06/25 08:10	03/11/25 16:20	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:20	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	600		10		mg/L			03/04/25 15:45	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			03/10/25 12:22	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			03/06/25 15:22	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			03/11/25 14:46	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-12R

Lab Sample ID: 500-264388-17

Date Collected: 02/27/25 12:04

Matrix: Water

Date Received: 02/28/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:27	1
Arsenic	0.024		0.0010		mg/L		03/06/25 08:10	03/11/25 16:27	1
Barium	0.074		0.0025		mg/L		03/06/25 08:10	03/11/25 16:27	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:27	1
Boron	0.42		0.050		mg/L		03/06/25 08:10	03/12/25 13:50	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:27	1
Calcium	110		0.20		mg/L		03/06/25 08:10	03/11/25 16:27	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:27	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:27	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:27	1
Lithium	0.011		0.010		mg/L		03/06/25 08:10	03/11/25 16:27	1
Molybdenum	0.013		0.0050		mg/L		03/06/25 08:10	03/11/25 16:27	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:27	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	810		10		mg/L			03/06/25 15:54	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			03/10/25 12:22	5
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			03/10/25 12:39	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			03/11/25 15:00	5

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-09

Lab Sample ID: 500-264388-18

Date Collected: 02/27/25 11:00

Matrix: Water

Date Received: 02/28/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:30	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:30	1
Barium	0.045		0.0025		mg/L		03/06/25 08:10	03/11/25 16:30	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:30	1
Boron	3.1		0.050		mg/L		03/06/25 08:10	03/12/25 13:58	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:30	1
Calcium	93		0.20		mg/L		03/06/25 08:10	03/11/25 16:30	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:30	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:30	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:30	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:30	1
Molybdenum	0.026		0.0050		mg/L		03/06/25 08:10	03/11/25 16:30	1
Selenium	0.0078		0.0025		mg/L		03/06/25 08:10	03/11/25 16:30	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	560		10		mg/L			03/06/25 15:55	1
Chloride (SM 4500 Cl- E)	32		2.0		mg/L			03/10/25 11:35	1
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			03/10/25 12:43	1
Sulfate (SM 4500 SO4 E)	57		10		mg/L			03/11/25 14:46	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-01

Lab Sample ID: 500-264388-19

Date Collected: 02/27/25 08:23

Matrix: Water

Date Received: 02/28/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:33	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:33	1
Barium	0.091		0.0025		mg/L		03/06/25 08:10	03/11/25 16:33	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:33	1
Boron	1.1		0.050		mg/L		03/06/25 08:10	03/12/25 14:00	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:33	1
Calcium	120		0.20		mg/L		03/06/25 08:10	03/11/25 16:33	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:33	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:33	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:33	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:33	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:33	1
Selenium	0.0033		0.0025		mg/L		03/06/25 08:10	03/11/25 16:33	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	560		10		mg/L			03/06/25 15:58	1
Chloride (SM 4500 Cl- E)	52		4.0		mg/L			03/10/25 14:37	2
Fluoride (SM 4500 F C)	<0.10		0.10		mg/L			03/10/25 12:49	1
Sulfate (SM 4500 SO4 E)	48		10		mg/L			03/11/25 14:45	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-18

Lab Sample ID: 500-264388-20

Date Collected: 02/27/25 09:39

Matrix: Water

Date Received: 02/28/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:35	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:35	1
Barium	0.13		0.0025		mg/L		03/06/25 08:10	03/11/25 16:35	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:35	1
Boron	0.73		0.050		mg/L		03/06/25 08:10	03/12/25 14:03	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:35	1
Calcium	130		0.20		mg/L		03/06/25 08:10	03/11/25 16:35	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:35	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:35	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:35	1
Lithium	0.013		0.010		mg/L		03/06/25 08:10	03/11/25 16:35	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:35	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:35	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	940		10		mg/L			03/06/25 16:00	1
Chloride (SM 4500 Cl- E)	180		10		mg/L			03/10/25 14:38	5
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			03/10/25 12:53	1
Sulfate (SM 4500 SO4 E)	85		10		mg/L			03/11/25 14:47	2

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-18A

Lab Sample ID: 500-264388-21

Date Collected: 02/27/25 10:09

Matrix: Water

Date Received: 02/28/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:38	1
Arsenic	0.0094		0.0010		mg/L		03/06/25 08:10	03/11/25 16:38	1
Barium	0.41		0.0025		mg/L		03/06/25 08:10	03/11/25 16:38	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:38	1
Boron	0.40		0.050		mg/L		03/06/25 08:10	03/12/25 14:06	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:38	1
Calcium	300		0.20		mg/L		03/06/25 08:10	03/11/25 16:38	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:38	1
Cobalt	0.0050		0.0010		mg/L		03/06/25 08:10	03/11/25 16:38	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:38	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:38	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:38	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 16:38	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			03/06/25 16:01	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			03/10/25 14:37	5
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			03/10/25 12:57	1
Sulfate (SM 4500 SO4 E)	1600		500		mg/L			03/11/25 15:00	100

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-14

Lab Sample ID: 500-264388-22

Date Collected: 02/26/25 09:13

Matrix: Water

Date Received: 03/01/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:40	1
Arsenic	0.0013		0.0010		mg/L		03/06/25 08:10	03/11/25 16:40	1
Barium	0.040		0.0025		mg/L		03/06/25 08:10	03/11/25 16:40	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:40	1
Boron	2.4		0.050		mg/L		03/06/25 08:10	03/12/25 14:08	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:40	1
Calcium	260		0.20		mg/L		03/06/25 08:10	03/11/25 16:40	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:40	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:40	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:40	1
Lithium	0.024		0.010		mg/L		03/06/25 08:10	03/11/25 16:40	1
Molybdenum	0.064		0.0050		mg/L		03/06/25 08:10	03/11/25 16:40	1
Selenium	0.0054		0.0025		mg/L		03/06/25 08:10	03/11/25 16:40	1
Thallium	0.0021		0.0020		mg/L		03/06/25 08:10	03/11/25 16:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3400		13		mg/L			03/04/25 15:47	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			03/10/25 14:37	5
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			03/06/25 15:26	1
Sulfate (SM 4500 SO4 E)	1400		500		mg/L			03/11/25 12:30	100

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-19

Lab Sample ID: 500-264388-23

Date Collected: 02/28/25 08:56

Matrix: Water

Date Received: 03/01/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 16:43	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 16:43	1
Barium	0.074		0.0025		mg/L		03/06/25 08:10	03/11/25 16:43	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 16:43	1
Boron	3.2		0.050		mg/L		03/06/25 08:10	03/12/25 14:11	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:43	1
Calcium	79		0.20		mg/L		03/06/25 08:10	03/11/25 16:43	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 16:43	1
Cobalt	0.0012		0.0010		mg/L		03/06/25 08:10	03/11/25 16:43	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 16:43	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 16:43	1
Molybdenum	0.033		0.0050		mg/L		03/06/25 08:10	03/11/25 16:43	1
Selenium	0.011		0.0025		mg/L		03/06/25 08:10	03/11/25 16:43	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			03/06/25 16:41	1
Chloride (SM 4500 Cl- E)	33		2.0		mg/L			03/10/25 14:10	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			03/11/25 17:18	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			03/11/25 11:49	5

Definitions/Glossary

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

Job ID: 500-264388-1

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
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.
e1	Result exceeds calibration range
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

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

Job ID: 500-264388-1

Metals

Prep Batch: 807686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total Recoverable	Water	3005A	
500-264388-2	MW-10	Total Recoverable	Water	3005A	
500-264388-3	MW-11	Total Recoverable	Water	3005A	
MB 500-807686/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-807686/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 807812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	7470A	
500-264388-2	MW-10	Total/NA	Water	7470A	
500-264388-3	MW-11	Total/NA	Water	7470A	
MB 500-807812/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-807812/13-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 500-807812/32-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 807837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total Recoverable	Water	3005A	
500-264388-5	MW-04	Total Recoverable	Water	3005A	
500-264388-6	MW-05	Total Recoverable	Water	3005A	
500-264388-7	MW-15	Total Recoverable	Water	3005A	
500-264388-8	MW-16	Total Recoverable	Water	3005A	
500-264388-9	MW-22	Total Recoverable	Water	3005A	
500-264388-10	Duplicate 2	Total Recoverable	Water	3005A	
MB 500-807837/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-807837/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-264388-4 MS	MW-03	Total Recoverable	Water	3005A	
500-264388-4 MSD	MW-03	Total Recoverable	Water	3005A	
500-264388-4 DU	MW-03	Total Recoverable	Water	3005A	

Analysis Batch: 807932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	7470A	807812
500-264388-2	MW-10	Total/NA	Water	7470A	807812
500-264388-3	MW-11	Total/NA	Water	7470A	807812
MB 500-807812/12-A	Method Blank	Total/NA	Water	7470A	807812
LCS 500-807812/13-A	Lab Control Sample	Total/NA	Water	7470A	807812
LCSD 500-807812/32-A	Lab Control Sample Dup	Total/NA	Water	7470A	807812

Prep Batch: 807950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total/NA	Water	7470A	
500-264388-5	MW-04	Total/NA	Water	7470A	
500-264388-6	MW-05	Total/NA	Water	7470A	
500-264388-7	MW-15	Total/NA	Water	7470A	
500-264388-8	MW-16	Total/NA	Water	7470A	
500-264388-9	MW-22	Total/NA	Water	7470A	
500-264388-10	Duplicate 2	Total/NA	Water	7470A	
MB 500-807950/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-807950/13-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 500-807950/33-A	Lab Control Sample Dup	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Prep Batch: 807950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-7 MS	MW-15	Total/NA	Water	7470A	
500-264388-7 MSD	MW-15	Total/NA	Water	7470A	
500-264388-7 DU	MW-15	Total/NA	Water	7470A	

Analysis Batch: 808139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total/NA	Water	7470A	807950
500-264388-5	MW-04	Total/NA	Water	7470A	807950
500-264388-6	MW-05	Total/NA	Water	7470A	807950
500-264388-7	MW-15	Total/NA	Water	7470A	807950
500-264388-8	MW-16	Total/NA	Water	7470A	807950
500-264388-9	MW-22	Total/NA	Water	7470A	807950
500-264388-10	Duplicate 2	Total/NA	Water	7470A	807950
MB 500-807950/12-A	Method Blank	Total/NA	Water	7470A	807950
LCS 500-807950/13-A	Lab Control Sample	Total/NA	Water	7470A	807950
LCSD 500-807950/33-A	Lab Control Sample Dup	Total/NA	Water	7470A	807950
500-264388-7 MS	MW-15	Total/NA	Water	7470A	807950
500-264388-7 MSD	MW-15	Total/NA	Water	7470A	807950
500-264388-7 DU	MW-15	Total/NA	Water	7470A	807950

Analysis Batch: 808661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total Recoverable	Water	6020B	807686
500-264388-2	MW-10	Total Recoverable	Water	6020B	807686
500-264388-3	MW-11	Total Recoverable	Water	6020B	807686
MB 500-807686/1-A	Method Blank	Total Recoverable	Water	6020B	807686
LCS 500-807686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	807686

Prep Batch: 808814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total Recoverable	Water	3005A	
500-264388-12	MW-08	Total Recoverable	Water	3005A	
500-264388-13	MW-06	Total Recoverable	Water	3005A	
500-264388-14	MW-07	Total Recoverable	Water	3005A	
500-264388-15	MW-02	Total Recoverable	Water	3005A	
500-264388-16	MW-21D	Total Recoverable	Water	3005A	
500-264388-17	MW-12R	Total Recoverable	Water	3005A	
500-264388-18	MW-09	Total Recoverable	Water	3005A	
500-264388-19	MW-01	Total Recoverable	Water	3005A	
500-264388-20	MW-18	Total Recoverable	Water	3005A	
500-264388-21	MW-18A	Total Recoverable	Water	3005A	
500-264388-22	MW-14	Total Recoverable	Water	3005A	
500-264388-23	MW-19	Total Recoverable	Water	3005A	
MB 500-808814/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-808814/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 808819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total Recoverable	Water	6020B	807837
500-264388-5	MW-04	Total Recoverable	Water	6020B	807837
500-264388-6	MW-05	Total Recoverable	Water	6020B	807837

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 808819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-7	MW-15	Total Recoverable	Water	6020B	807837
500-264388-8	MW-16	Total Recoverable	Water	6020B	807837
500-264388-9	MW-22	Total Recoverable	Water	6020B	807837
500-264388-10	Duplicate 2	Total Recoverable	Water	6020B	807837
MB 500-807837/1-A	Method Blank	Total Recoverable	Water	6020B	807837
LCS 500-807837/2-A	Lab Control Sample	Total Recoverable	Water	6020B	807837
500-264388-4 MS	MW-03	Total Recoverable	Water	6020B	807837
500-264388-4 MSD	MW-03	Total Recoverable	Water	6020B	807837
500-264388-4 DU	MW-03	Total Recoverable	Water	6020B	807837

Analysis Batch: 808948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total Recoverable	Water	6020B	807686
500-264388-1	Duplicate	Total Recoverable	Water	6020B	807686
500-264388-2	MW-10	Total Recoverable	Water	6020B	807686
500-264388-2	MW-10	Total Recoverable	Water	6020B	807686
500-264388-3	MW-11	Total Recoverable	Water	6020B	807686
MB 500-807686/1-A	Method Blank	Total Recoverable	Water	6020B	807686
LCS 500-807686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	807686

Analysis Batch: 809039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total Recoverable	Water	6020B	807837
500-264388-5	MW-04	Total Recoverable	Water	6020B	807837
500-264388-6	MW-05	Total Recoverable	Water	6020B	807837
500-264388-7	MW-15	Total Recoverable	Water	6020B	807837
500-264388-8	MW-16	Total Recoverable	Water	6020B	807837
500-264388-9	MW-22	Total Recoverable	Water	6020B	807837
500-264388-10	Duplicate 2	Total Recoverable	Water	6020B	807837
MB 500-807837/1-A	Method Blank	Total Recoverable	Water	6020B	807837
LCS 500-807837/2-A	Lab Control Sample	Total Recoverable	Water	6020B	807837
500-264388-4 MS	MW-03	Total Recoverable	Water	6020B	807837
500-264388-4 MSD	MW-03	Total Recoverable	Water	6020B	807837
500-264388-4 DU	MW-03	Total Recoverable	Water	6020B	807837

Analysis Batch: 809599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total Recoverable	Water	6020B	808814
500-264388-12	MW-08	Total Recoverable	Water	6020B	808814
500-264388-13	MW-06	Total Recoverable	Water	6020B	808814
500-264388-14	MW-07	Total Recoverable	Water	6020B	808814
500-264388-15	MW-02	Total Recoverable	Water	6020B	808814
500-264388-16	MW-21D	Total Recoverable	Water	6020B	808814
500-264388-17	MW-12R	Total Recoverable	Water	6020B	808814
500-264388-18	MW-09	Total Recoverable	Water	6020B	808814
500-264388-19	MW-01	Total Recoverable	Water	6020B	808814
500-264388-20	MW-18	Total Recoverable	Water	6020B	808814
500-264388-21	MW-18A	Total Recoverable	Water	6020B	808814
500-264388-22	MW-14	Total Recoverable	Water	6020B	808814
500-264388-23	MW-19	Total Recoverable	Water	6020B	808814
MB 500-808814/1-A	Method Blank	Total Recoverable	Water	6020B	808814

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 809599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-808814/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808814

Analysis Batch: 809745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total Recoverable	Water	6020B	808814
500-264388-12	MW-08	Total Recoverable	Water	6020B	808814
500-264388-13	MW-06	Total Recoverable	Water	6020B	808814
500-264388-14	MW-07	Total Recoverable	Water	6020B	808814
500-264388-15	MW-02	Total Recoverable	Water	6020B	808814
500-264388-16	MW-21D	Total Recoverable	Water	6020B	808814
500-264388-17	MW-12R	Total Recoverable	Water	6020B	808814
500-264388-18	MW-09	Total Recoverable	Water	6020B	808814
500-264388-19	MW-01	Total Recoverable	Water	6020B	808814
500-264388-20	MW-18	Total Recoverable	Water	6020B	808814
500-264388-21	MW-18A	Total Recoverable	Water	6020B	808814
500-264388-22	MW-14	Total Recoverable	Water	6020B	808814
500-264388-23	MW-19	Total Recoverable	Water	6020B	808814

Prep Batch: 809827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total/NA	Water	7470A	
500-264388-12	MW-08	Total/NA	Water	7470A	
500-264388-13	MW-06	Total/NA	Water	7470A	
500-264388-14	MW-07	Total/NA	Water	7470A	
500-264388-15	MW-02	Total/NA	Water	7470A	
500-264388-16	MW-21D	Total/NA	Water	7470A	
500-264388-17	MW-12R	Total/NA	Water	7470A	
500-264388-18	MW-09	Total/NA	Water	7470A	
500-264388-19	MW-01	Total/NA	Water	7470A	
500-264388-20	MW-18	Total/NA	Water	7470A	
500-264388-21	MW-18A	Total/NA	Water	7470A	
500-264388-22	MW-14	Total/NA	Water	7470A	
500-264388-23	MW-19	Total/NA	Water	7470A	
MB 500-809827/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-809827/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-264388-17 MS	MW-12R	Total/NA	Water	7470A	
500-264388-17 MSD	MW-12R	Total/NA	Water	7470A	
500-264388-17 DU	MW-12R	Total/NA	Water	7470A	

Analysis Batch: 809970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total/NA	Water	7470A	809827
500-264388-12	MW-08	Total/NA	Water	7470A	809827
500-264388-13	MW-06	Total/NA	Water	7470A	809827
500-264388-14	MW-07	Total/NA	Water	7470A	809827
500-264388-15	MW-02	Total/NA	Water	7470A	809827
500-264388-16	MW-21D	Total/NA	Water	7470A	809827
500-264388-17	MW-12R	Total/NA	Water	7470A	809827
500-264388-18	MW-09	Total/NA	Water	7470A	809827
500-264388-19	MW-01	Total/NA	Water	7470A	809827
500-264388-20	MW-18	Total/NA	Water	7470A	809827

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 809970 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-21	MW-18A	Total/NA	Water	7470A	809827
500-264388-22	MW-14	Total/NA	Water	7470A	809827
500-264388-23	MW-19	Total/NA	Water	7470A	809827
MB 500-809827/12-A	Method Blank	Total/NA	Water	7470A	809827
LCS 500-809827/13-A	Lab Control Sample	Total/NA	Water	7470A	809827
500-264388-17 MS	MW-12R	Total/NA	Water	7470A	809827
500-264388-17 MSD	MW-12R	Total/NA	Water	7470A	809827
500-264388-17 DU	MW-12R	Total/NA	Water	7470A	809827

General Chemistry

Analysis Batch: 807701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	SM 2540C	
500-264388-2	MW-10	Total/NA	Water	SM 2540C	
500-264388-3	MW-11	Total/NA	Water	SM 2540C	
MB 500-807701/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-807701/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 807786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	SM 4500 F C	
500-264388-2	MW-10	Total/NA	Water	SM 4500 F C	
500-264388-3	MW-11	Total/NA	Water	SM 4500 F C	
MB 500-807786/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-807786/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 808359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total/NA	Water	SM 2540C	
500-264388-5	MW-04	Total/NA	Water	SM 2540C	
500-264388-6	MW-05	Total/NA	Water	SM 2540C	
500-264388-7	MW-15	Total/NA	Water	SM 2540C	
500-264388-8	MW-16	Total/NA	Water	SM 2540C	
500-264388-9	MW-22	Total/NA	Water	SM 2540C	
500-264388-10	Duplicate 2	Total/NA	Water	SM 2540C	
MB 500-808359/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808359/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264388-10 DU	Duplicate 2	Total/NA	Water	SM 2540C	

Analysis Batch: 808561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-11	Duplicate 3	Total/NA	Water	SM 2540C	
500-264388-12	MW-08	Total/NA	Water	SM 2540C	
MB 500-808561/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808561/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264388-11 MS	Duplicate 3	Total/NA	Water	SM 2540C	
500-264388-11 DU	Duplicate 3	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry

Analysis Batch: 808589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-13	MW-06	Total/NA	Water	SM 2540C	
500-264388-14	MW-07	Total/NA	Water	SM 2540C	
500-264388-15	MW-02	Total/NA	Water	SM 2540C	
500-264388-16	MW-21D	Total/NA	Water	SM 2540C	
500-264388-22	MW-14	Total/NA	Water	SM 2540C	
MB 500-808589/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808589/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 808956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-17	MW-12R	Total/NA	Water	SM 2540C	
500-264388-18	MW-09	Total/NA	Water	SM 2540C	
500-264388-19	MW-01	Total/NA	Water	SM 2540C	
500-264388-20	MW-18	Total/NA	Water	SM 2540C	
500-264388-21	MW-18A	Total/NA	Water	SM 2540C	
MB 500-808956/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808956/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264388-18 DU	MW-09	Total/NA	Water	SM 2540C	

Analysis Batch: 808973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-23	MW-19	Total/NA	Water	SM 2540C	
MB 500-808973/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808973/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264388-23 MS	MW-19	Total/NA	Water	SM 2540C	
500-264388-23 DU	MW-19	Total/NA	Water	SM 2540C	

Analysis Batch: 809059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total/NA	Water	SM 4500 F C	
500-264388-5	MW-04	Total/NA	Water	SM 4500 F C	
500-264388-6	MW-05	Total/NA	Water	SM 4500 F C	
500-264388-7	MW-15	Total/NA	Water	SM 4500 F C	
500-264388-8	MW-16	Total/NA	Water	SM 4500 F C	
500-264388-9	MW-22	Total/NA	Water	SM 4500 F C	
500-264388-10	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-264388-11	Duplicate 3	Total/NA	Water	SM 4500 F C	
500-264388-12	MW-08	Total/NA	Water	SM 4500 F C	
500-264388-13	MW-06	Total/NA	Water	SM 4500 F C	
500-264388-14	MW-07	Total/NA	Water	SM 4500 F C	
500-264388-15	MW-02	Total/NA	Water	SM 4500 F C	
500-264388-16	MW-21D	Total/NA	Water	SM 4500 F C	
500-264388-22	MW-14	Total/NA	Water	SM 4500 F C	
MB 500-809059/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-809059/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-809059/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-809059/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	SM 4500 CI- E	

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry (Continued)

Analysis Batch: 809219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-2	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-264388-3	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-264388-4	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-264388-5	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-264388-6	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-264388-7	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-264388-8	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-264388-9	MW-22	Total/NA	Water	SM 4500 Cl- E	
500-264388-10	Duplicate 2	Total/NA	Water	SM 4500 Cl- E	
500-264388-11	Duplicate 3	Total/NA	Water	SM 4500 Cl- E	
500-264388-12	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-264388-13	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-264388-14	MW-07	Total/NA	Water	SM 4500 Cl- E	
MB 500-809219/64	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-809219/65	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-264388-14 MS	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-264388-14 MSD	MW-07	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 809378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-17	MW-12R	Total/NA	Water	SM 4500 F C	
500-264388-18	MW-09	Total/NA	Water	SM 4500 F C	
500-264388-19	MW-01	Total/NA	Water	SM 4500 F C	
500-264388-20	MW-18	Total/NA	Water	SM 4500 F C	
500-264388-21	MW-18A	Total/NA	Water	SM 4500 F C	
MB 500-809378/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-809378/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-15	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-264388-16	MW-21D	Total/NA	Water	SM 4500 Cl- E	
500-264388-17	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-264388-18	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-264388-19	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-264388-20	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-264388-21	MW-18A	Total/NA	Water	SM 4500 Cl- E	
500-264388-22	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-264388-23	MW-19	Total/NA	Water	SM 4500 Cl- E	
MB 500-809384/102	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-809384/48	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-809384/103	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-809384/49	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-264388-18 MS	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-264388-18 MSD	MW-09	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 809497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	SM 4500 SO4 E	
500-264388-2	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-264388-3	MW-11	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry (Continued)

Analysis Batch: 809497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-4	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-264388-5	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-264388-6	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-264388-7	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-264388-8	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-264388-9	MW-22	Total/NA	Water	SM 4500 SO4 E	
500-264388-10	Duplicate 2	Total/NA	Water	SM 4500 SO4 E	
500-264388-11	Duplicate 3	Total/NA	Water	SM 4500 SO4 E	
500-264388-12	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-264388-13	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-264388-14	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-264388-22	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-264388-23	MW-19	Total/NA	Water	SM 4500 SO4 E	
MB 500-809497/121	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-809497/67	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-809497/122	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-809497/68	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-264388-14 MS	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-264388-14 MSD	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-264388-23 MS	MW-19	Total/NA	Water	SM 4500 SO4 E	
500-264388-23 MSD	MW-19	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 809579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-23	MW-19	Total/NA	Water	SM 4500 F C	
MB 500-809579/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-809579/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-264388-23 MS	MW-19	Total/NA	Water	SM 4500 F C	
500-264388-23 MSD	MW-19	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-15	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-264388-16	MW-21D	Total/NA	Water	SM 4500 SO4 E	
500-264388-17	MW-12R	Total/NA	Water	SM 4500 SO4 E	
500-264388-18	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-264388-19	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-264388-20	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-264388-21	MW-18A	Total/NA	Water	SM 4500 SO4 E	
MB 500-809591/149	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-809591/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-809591/150	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

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

Job ID: 500-264388-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-807686/1-A

Matrix: Water

Analysis Batch: 808661

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/25/25 16:19	03/04/25 15:14	1
Arsenic	<0.0010		0.0010		mg/L		02/25/25 16:19	03/04/25 15:14	1
Barium	<0.0025		0.0025		mg/L		02/25/25 16:19	03/04/25 15:14	1
Cadmium	<0.00050		0.00050		mg/L		02/25/25 16:19	03/04/25 15:14	1
Calcium	<0.20		0.20		mg/L		02/25/25 16:19	03/04/25 15:14	1
Chromium	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:14	1
Cobalt	<0.0010		0.0010		mg/L		02/25/25 16:19	03/04/25 15:14	1
Lead	<0.00050		0.00050		mg/L		02/25/25 16:19	03/04/25 15:14	1
Molybdenum	<0.0050		0.0050		mg/L		02/25/25 16:19	03/04/25 15:14	1
Selenium	<0.0025		0.0025		mg/L		02/25/25 16:19	03/04/25 15:14	1
Thallium	<0.0020		0.0020		mg/L		02/25/25 16:19	03/04/25 15:14	1

Lab Sample ID: MB 500-807686/1-A

Matrix: Water

Analysis Batch: 808948

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010		mg/L		02/25/25 16:19	03/06/25 12:17	1
Boron	<0.050		0.050		mg/L		02/25/25 16:19	03/06/25 12:17	1
Lithium	<0.010		0.010		mg/L		02/25/25 16:19	03/06/25 12:17	1

Lab Sample ID: LCS 500-807686/2-A

Matrix: Water

Analysis Batch: 808661

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.496		mg/L		99	80 - 120
Arsenic	0.100	0.0936		mg/L		94	80 - 120
Barium	0.500	0.490		mg/L		98	80 - 120
Cadmium	0.0500	0.0504		mg/L		101	80 - 120
Calcium	10.0	9.99		mg/L		100	80 - 120
Chromium	0.200	0.213		mg/L		106	80 - 120
Cobalt	0.500	0.553		mg/L		111	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.996		mg/L		100	80 - 120
Selenium	0.100	0.0936		mg/L		94	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-807686/2-A

Matrix: Water

Analysis Batch: 808948

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Boron	1.00	1.04		mg/L		104	80 - 120
Lithium	0.100	0.104		mg/L		104	80 - 120

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: MB 500-807837/1-A

Matrix: Water

Analysis Batch: 808819

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/26/25 16:22	03/05/25 20:03	1
Arsenic	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:03	1
Barium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:03	1
Beryllium	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:03	1
Cadmium	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:03	1
Calcium	<0.20		0.20		mg/L		02/26/25 16:22	03/05/25 20:03	1
Chromium	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:03	1
Cobalt	<0.0010		0.0010		mg/L		02/26/25 16:22	03/05/25 20:03	1
Lead	<0.00050		0.00050		mg/L		02/26/25 16:22	03/05/25 20:03	1
Lithium	<0.010		0.010		mg/L		02/26/25 16:22	03/05/25 20:03	1
Molybdenum	<0.0050		0.0050		mg/L		02/26/25 16:22	03/05/25 20:03	1
Selenium	<0.0025		0.0025		mg/L		02/26/25 16:22	03/05/25 20:03	1
Thallium	<0.0020		0.0020		mg/L		02/26/25 16:22	03/05/25 20:03	1

Lab Sample ID: MB 500-807837/1-A

Matrix: Water

Analysis Batch: 809039

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		02/26/25 16:22	03/06/25 15:40	1

Lab Sample ID: LCS 500-807837/2-A

Matrix: Water

Analysis Batch: 808819

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.528		mg/L		106	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.517		mg/L		103	80 - 120
Beryllium	0.0500	0.0537		mg/L		107	80 - 120
Cadmium	0.0500	0.0525		mg/L		105	80 - 120
Calcium	10.0	9.55		mg/L		95	80 - 120
Chromium	0.200	0.213		mg/L		107	80 - 120
Cobalt	0.500	0.549		mg/L		110	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.109		mg/L		109	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.0975		mg/L		98	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-807837/2-A

Matrix: Water

Analysis Batch: 809039

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-4 MS

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.545		mg/L		109	75 - 125
Arsenic	<0.0010		0.100	0.104		mg/L		103	75 - 125
Barium	0.13		0.500	0.646		mg/L		102	75 - 125
Beryllium	<0.0010		0.0500	0.0540		mg/L		108	75 - 125
Cadmium	<0.00050		0.0500	0.0531		mg/L		106	75 - 125
Calcium	92		10.0	99.8	4	mg/L		81	75 - 125
Chromium	<0.0050		0.200	0.212		mg/L		106	75 - 125
Cobalt	<0.0010		0.500	0.531		mg/L		106	75 - 125
Lead	<0.00050		0.100	0.104		mg/L		104	75 - 125
Lithium	<0.010		0.100	0.113		mg/L		109	75 - 125
Molybdenum	<0.0050		1.00	1.04		mg/L		104	75 - 125
Selenium	0.0047		0.100	0.108		mg/L		103	75 - 125
Thallium	<0.0020		0.100	0.108		mg/L		108	75 - 125

Lab Sample ID: 500-264388-4 MS

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.35		1.00	1.34		mg/L		99	75 - 125

Lab Sample ID: 500-264388-4 MSD

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.539		mg/L		108	75 - 125	1	20
Arsenic	<0.0010		0.100	0.103		mg/L		102	75 - 125	1	20
Barium	0.13		0.500	0.639		mg/L		101	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0525		mg/L		105	75 - 125	3	20
Cadmium	<0.00050		0.0500	0.0531		mg/L		106	75 - 125	0	20
Calcium	92		10.0	99.0	4	mg/L		73	75 - 125	1	20
Chromium	<0.0050		0.200	0.210		mg/L		105	75 - 125	1	20
Cobalt	<0.0010		0.500	0.528		mg/L		106	75 - 125	1	20
Lead	<0.00050		0.100	0.103		mg/L		103	75 - 125	0	20
Lithium	<0.010		0.100	0.111		mg/L		107	75 - 125	2	20
Molybdenum	<0.0050		1.00	1.03		mg/L		103	75 - 125	1	20
Selenium	0.0047		0.100	0.106		mg/L		101	75 - 125	2	20
Thallium	<0.0020		0.100	0.108		mg/L		108	75 - 125	0	20

Lab Sample ID: 500-264388-4 MSD

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.35		1.00	1.33		mg/L		98	75 - 125	1	20

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-4 DU

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.13		0.129		mg/L		4	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	92		88.1		mg/L		4	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	0.0047		0.00404		mg/L		16	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-264388-4 DU

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	0.35		0.333		mg/L		6	20

Lab Sample ID: MB 500-808814/1-A

Matrix: Water

Analysis Batch: 809599

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 808814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/06/25 08:10	03/11/25 15:44	1
Arsenic	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 15:44	1
Barium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 15:44	1
Beryllium	<0.0010	^1+	0.0010		mg/L		03/06/25 08:10	03/11/25 15:44	1
Boron	<0.050		0.050		mg/L		03/06/25 08:10	03/11/25 15:44	1
Cadmium	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 15:44	1
Calcium	<0.20		0.20		mg/L		03/06/25 08:10	03/11/25 15:44	1
Chromium	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 15:44	1
Cobalt	<0.0010		0.0010		mg/L		03/06/25 08:10	03/11/25 15:44	1
Lead	<0.00050		0.00050		mg/L		03/06/25 08:10	03/11/25 15:44	1
Lithium	<0.010		0.010		mg/L		03/06/25 08:10	03/11/25 15:44	1
Molybdenum	<0.0050		0.0050		mg/L		03/06/25 08:10	03/11/25 15:44	1
Selenium	<0.0025		0.0025		mg/L		03/06/25 08:10	03/11/25 15:44	1
Thallium	<0.0020		0.0020		mg/L		03/06/25 08:10	03/11/25 15:44	1

Lab Sample ID: LCS 500-808814/2-A

Matrix: Water

Analysis Batch: 809599

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 808814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Arsenic	0.100	0.0993		mg/L		99	80 - 120
Barium	0.500	0.501		mg/L		100	80 - 120

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCS 500-808814/2-A
Matrix: Water
Analysis Batch: 809599

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0533	^1+	mg/L		107	80 - 120
Boron	1.00	1.06		mg/L		106	80 - 120
Cadmium	0.0500	0.0513		mg/L		103	80 - 120
Calcium	10.0	9.02		mg/L		90	80 - 120
Chromium	0.200	0.211		mg/L		105	80 - 120
Cobalt	0.500	0.546		mg/L		109	80 - 120
Lead	0.100	0.105		mg/L		105	80 - 120
Lithium	0.100	0.112		mg/L		112	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.0974		mg/L		97	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-807812/12-A
Matrix: Water
Analysis Batch: 807932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 807812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/26/25 13:40	02/27/25 08:51	1

Lab Sample ID: LCS 500-807812/13-A
Matrix: Water
Analysis Batch: 807932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 807812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00200		mg/L		100	80 - 120

Lab Sample ID: LCSD 500-807812/32-A
Matrix: Water
Analysis Batch: 807932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 807812

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.00207		mg/L		104	80 - 120	3	20

Lab Sample ID: MB 500-807950/12-A
Matrix: Water
Analysis Batch: 808139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 807950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/25 13:40	02/28/25 09:15	1

Lab Sample ID: LCS 500-807950/13-A
Matrix: Water
Analysis Batch: 808139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 807950

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

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCSD 500-807950/33-A

Matrix: Water

Analysis Batch: 808139

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 807950

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.00199		mg/L		100	80 - 120	2	20

Lab Sample ID: 500-264388-7 MS

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000927		mg/L		93	75 - 125		

Lab Sample ID: 500-264388-7 MSD

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

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	1	20

Lab Sample ID: 500-264388-7 DU

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020			<0.00020		mg/L				NC	20

Lab Sample ID: MB 500-809827/12-A

Matrix: Water

Analysis Batch: 809970

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 809827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/13/25 11:35	03/14/25 09:23	1

Lab Sample ID: LCS 500-809827/13-A

Matrix: Water

Analysis Batch: 809970

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 809827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.00194		mg/L		97	80 - 120		

Lab Sample ID: 500-264388-17 MS

Matrix: Water

Analysis Batch: 809970

Client Sample ID: MW-12R

Prep Type: Total/NA

Prep Batch: 809827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000980		mg/L		98	75 - 125		

Lab Sample ID: 500-264388-17 MSD

Matrix: Water

Analysis Batch: 809970

Client Sample ID: MW-12R

Prep Type: Total/NA

Prep Batch: 809827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000930		mg/L		93	75 - 125	5	20

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QC Sample Results

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

Job ID: 500-264388-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-264388-17 DU
Matrix: Water
Analysis Batch: 809970

Client Sample ID: MW-12R
Prep Type: Total/NA
Prep Batch: 809827

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

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

Lab Sample ID: MB 500-807701/1
Matrix: Water
Analysis Batch: 807701

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			02/26/25 03:30	1

Lab Sample ID: LCS 500-807701/2
Matrix: Water
Analysis Batch: 807701

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	236		mg/L		94	80 - 120

Lab Sample ID: MB 500-808359/1
Matrix: Water
Analysis Batch: 808359

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			03/03/25 11:46	1

Lab Sample ID: LCS 500-808359/2
Matrix: Water
Analysis Batch: 808359

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

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

Lab Sample ID: 500-264388-10 DU
Matrix: Water
Analysis Batch: 808359

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	580		570		mg/L		1	5

Lab Sample ID: MB 500-808561/1
Matrix: Water
Analysis Batch: 808561

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			03/04/25 12:58	1

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCS 500-808561/2

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-11 MS

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Duplicate 3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	520		250	788		mg/L		108	75 - 125

Lab Sample ID: 500-264388-11 DU

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Duplicate 3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	520		520		mg/L		0.4	5

Lab Sample ID: MB 500-808589/1

Matrix: Water

Analysis Batch: 808589

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			03/04/25 15:31	1

Lab Sample ID: LCS 500-808589/2

Matrix: Water

Analysis Batch: 808589

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	248		mg/L		99	80 - 120

Lab Sample ID: MB 500-808956/1

Matrix: Water

Analysis Batch: 808956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			03/06/25 15:28	1

Lab Sample ID: LCS 500-808956/2

Matrix: Water

Analysis Batch: 808956

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	248		mg/L		99	80 - 120

Lab Sample ID: 500-264388-18 DU

Matrix: Water

Analysis Batch: 808956

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	560		548		mg/L		1	5

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: MB 500-808973/1

Matrix: Water

Analysis Batch: 808973

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			03/06/25 16:31	1

Lab Sample ID: LCS 500-808973/2

Matrix: Water

Analysis Batch: 808973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-23 MS

Matrix: Water

Analysis Batch: 808973

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	530		250	782		mg/L		102	75 - 125

Lab Sample ID: 500-264388-23 DU

Matrix: Water

Analysis Batch: 808973

Client Sample ID: MW-19

Prep Type: Total/NA

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

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-809219/64

Matrix: Water

Analysis Batch: 809219

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/09/25 10:58	1

Lab Sample ID: LCS 500-809219/65

Matrix: Water

Analysis Batch: 809219

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	20.3		mg/L		102	85 - 115

Lab Sample ID: 500-264388-14 MS

Matrix: Water

Analysis Batch: 809219

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	150	F1	20.0	166	4	mg/L		70	75 - 125

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-14 MSD

Matrix: Water

Analysis Batch: 809219

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150	F1	20.0	163	4	mg/L		54	75 - 125	2	20

Lab Sample ID: MB 500-809384/102

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/10/25 14:10	1

Lab Sample ID: MB 500-809384/48

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			03/10/25 11:31	1

Lab Sample ID: LCS 500-809384/103

Matrix: Water

Analysis Batch: 809384

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	20.8		mg/L		104	85 - 115

Lab Sample ID: LCS 500-809384/49

Matrix: Water

Analysis Batch: 809384

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	20.3		mg/L		102	85 - 115

Lab Sample ID: 500-264388-18 MS

Matrix: Water

Analysis Batch: 809384

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32		20.0	50.0		mg/L		91	75 - 125

Lab Sample ID: 500-264388-18 MSD

Matrix: Water

Analysis Batch: 809384

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32		20.0	51.2		mg/L		97	75 - 125	2	20

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QC Sample Results

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

Job ID: 500-264388-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-807786/3

Matrix: Water

Analysis Batch: 807786

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			02/26/25 10:46	1

Lab Sample ID: LCS 500-807786/4

Matrix: Water

Analysis Batch: 807786

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	9.82		mg/L		98	90 - 119

Lab Sample ID: MB 500-809059/3

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/06/25 12:22	1

Lab Sample ID: MB 500-809059/31

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/06/25 14:29	1

Lab Sample ID: LCS 500-809059/32

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.1		mg/L		101	90 - 119

Lab Sample ID: LCS 500-809059/4

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.1		mg/L		101	90 - 119

Lab Sample ID: MB 500-809378/3

Matrix: Water

Analysis Batch: 809378

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/10/25 11:30	1

Lab Sample ID: LCS 500-809378/4

Matrix: Water

Analysis Batch: 809378

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	9.67		mg/L		97	90 - 119

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QC Sample Results

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

Job ID: 500-264388-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-809579/3

Matrix: Water

Analysis Batch: 809579

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			03/11/25 17:08	1

Lab Sample ID: LCS 500-809579/4

Matrix: Water

Analysis Batch: 809579

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	9.91		mg/L		99	90 - 119

Lab Sample ID: 500-264388-23 MS

Matrix: Water

Analysis Batch: 809579

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.18		5.00	5.24		mg/L		101	75 - 125

Lab Sample ID: 500-264388-23 MSD

Matrix: Water

Analysis Batch: 809579

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.18		5.00	5.32		mg/L		103	75 - 125	2	20

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-809497/121

Matrix: Water

Analysis Batch: 809497

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/11/25 11:13	1

Lab Sample ID: MB 500-809497/67

Matrix: Water

Analysis Batch: 809497

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/11/25 09:18	1

Lab Sample ID: LCS 500-809497/122

Matrix: Water

Analysis Batch: 809497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.4		mg/L		107	88 - 123

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCS 500-809497/68

Matrix: Water

Analysis Batch: 809497

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	20.4		mg/L		102	88 - 123

Lab Sample ID: 500-264388-14 MS

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	39		20.0	58.4	e1	mg/L		97	75 - 125

Lab Sample ID: 500-264388-14 MSD

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	39		20.0	58.4	e1	mg/L		97	75 - 125	0	20

Lab Sample ID: 500-264388-23 MS

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	120		20.0	136	4	mg/L		82	75 - 125

Lab Sample ID: 500-264388-23 MSD

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	120		20.0	136	4	mg/L		84	75 - 125	0	20

Lab Sample ID: MB 500-809591/149

Matrix: Water

Analysis Batch: 809591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/11/25 14:16	1

Lab Sample ID: MB 500-809591/16

Matrix: Water

Analysis Batch: 809591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/11/25 08:34	1

Lab Sample ID: LCS 500-809591/150

Matrix: Water

Analysis Batch: 809591

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	22.6		mg/L		113	88 - 123

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Page 52 of 73

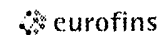
Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Mizner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-132937-49657 1																																																																
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page 1 of 1																																																																
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested						Job #: <u>12313-1</u>																																																														
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		<table border="1"><tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (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="5">Total Number of Containers</td></tr><tr><td>TAT Requested (days)</td><td>Compliance Project ☐ Yes ☐ No</td><td>PO #</td><td>WO #</td><td>Project #</td><td>SSOW#</td></tr><tr><td>City: Brookfield</td><td>500-264388 COC</td><td>4502160845</td><td></td><td>50011612</td><td></td></tr><tr><td>State Zip: WI, 53005</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Phone: 262-781-0475(Tel)</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Email: kaelyns@kprginc.com</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Site: <u>Powerton Station</u></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	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of Containers	TAT Requested (days)	Compliance Project ☐ Yes ☐ No	PO #	WO #	Project #	SSOW#	City: Brookfield	500-264388 COC	4502160845		50011612		State Zip: WI, 53005						Phone: 262-781-0475(Tel)						Email: kaelyns@kprginc.com										Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling										Site: <u>Powerton Station</u>										Preservation Codes D HNO3 N None <u>500-264388</u>	
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																																																												
TAT Requested (days)	Compliance Project ☐ Yes ☐ No	PO #	WO #							Project #	SSOW#																																																													
City: Brookfield	500-264388 COC	4502160845								50011612																																																														
State Zip: WI, 53005																																																																								
Phone: 262-781-0475(Tel)																																																																								
Email: kaelyns@kprginc.com																																																																								
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling																																																																								
Site: <u>Powerton Station</u>																																																																								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Special Instructions/Note.																																																																		
MW-01					Water																																																																			
MW-02					Water																																																																			
4 MW-03		2/25/25	1448	G	Water	NN	X	X	X	X		7																																																												
5 MW-04			1306		Water																																																																			
6 MW-05			1208		Water																																																																			
7 MW-06 MW-15			0935		Water																																																																			
8 MW-07 MW-16			1043		Water																																																																			
9 MW-08 MW-22		2/25/25	0828	G	Water	NN	X	X	X	X		7																																																												
10 MW-09 Duplicate 2					Water																																																																			
MW-10					Water																																																																			
MW-11					Water																																																																			
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months																																																																		
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements																																																																		
Empty Kit Relinquished by		Date		Time		Method of Shipment:																																																																		
Relinquished by: <u>Jack Mizner</u>		Date/Time: <u>2/25/25 1645</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/25/25 1645</u>		Company: <u>FedEx</u>																																																														
Relinquished by:		Date/Time:		Company:		Received by: <u>Chad Smith</u>		Date/Time: <u>2/26/25 1010</u>		Company: <u>EEA</u>																																																														
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																																														
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>5.8 → 5.7, 0.3 → 0.0</u>																																																																				

Ver: 10/10/2024 3/18/2025

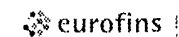
Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: <u>Mockler, Diana J</u>		Carrier Tracking No(s)		COC No: <u>500-132937-49657 2</u>					
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>		E-Mail: <u>Diana.Mockler@eurofins.com</u>		State of Origin: <u>IL</u>		Page: <u>1051</u>					
Company: <u>KPRG and Associates, Inc.</u>		PWSID		Analysis Requested						Job #: <u>12313.1</u>			
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested		Field Filtered Sample (Yes or No) 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						Preservation Codes			
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>								D HNO3			
State/Zip: <u>WI, 53005</u>		Compliance Project: ☐ Yes ☐ No								N None			
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502160845</u>								500-264388 COC			
Email: <u>kaelyns@kprginc.com</u>		WO #:											
Project Name: <u>Powerton CCR Event Desc Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>								Other:			
Site: <u>Powerton Station</u>		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)							Special Instructions/Note:	
				Preservation Code:		X	X	D	D	N	N		
17	MW-12R	2/27/25	1204	G	Water	N	N	X	X	X	X		
18	MW-14 MW-09	2/27/25	1100	G	Water	N	N	X	X	X	X		
19	MW-15 MW-01	2/27/25	0823	G	Water	N	N	X	X	X	X		
	MW-16				Water								
	MW-17				Water								
20	MW-18	2/27/25	0939	G	Water	N	N	X	X	X	X		
21	MW-18A	2/27/25	1009	G	Water	N	N	X	X	X	X		
	MW-19				Water								
	MW-21D				Water								
	MW-22				Water								
	Duplicate 1				Water								
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by		Date		Time		Method of Shipment:							
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>2/27/25 1600</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/27/25 1600</u>		Company: <u>FedEx</u>			
Relinquished by:		Date/Time:		Company:		Received by: <u>Mike Root</u>		Date/Time: <u>2/28/25 0920</u>		Company: <u>EPHA</u>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No				Cooler Temperature(s) °C and Other Remarks: <u>1.1 → 0.8, 0.0 → 0.3</u>							

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-132937-49657 2						
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page 268 1091						
Company: KPRG and Associates, Inc		PWSID		Analysis Requested						Job #: <u>12313.1</u>				
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-264388 COC						Preservation Codes: D - HNO3 N - None 500-264388				
City: Brookfield		TAT Requested (days): <u>Standard</u>												
State, Zip: WI, 53005		Compliance Project ☐ Yes ☐ No												
Phone: 262-781-0475(Tel)		PO #: 4502160845												
Email: kaelyns@kprginc.com		WO #:												
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		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				
Site: <u>Powerton Station</u>		SSOW#:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)							Special Instructions/Note:		
				Preservation Code:										
MW-13R					Water									
22 MW-14		2/26/25	0913	G	Water	N	N	X	X	X	X			
MW-15					Water									
MW-16					Water									
MW-17					Water									
MW-18					Water									
MW-18A					Water									
23 MW-19		2/28/25	0856	G	Water	N	N	X	X	X	X			
MW-21D					Water									
MW-22					Water									
Duplicate 1					Water									
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months								
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements								
Empty Kit Relinquished by		Date		Time		Method of Shipment.								
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>EEIA</u>				
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hemmady</u>		Date/Time: <u>3/11/25 0930</u>		Company:				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:				
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>-0.3 + -0.4</u>										

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

ACTING: 25 00 LB MAN
CAD 0780307/CAFE3855

Part # 159489-434 MTW EXP 04/25

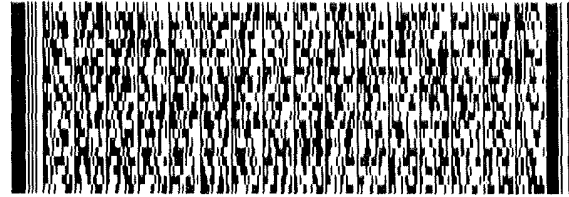
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(202) 202-6966
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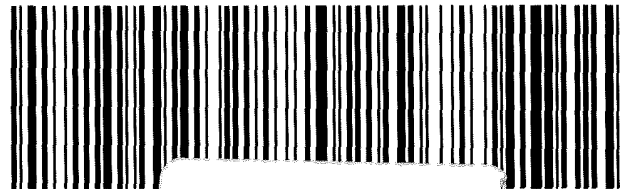


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PRIORITY OVERNIGHT

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60487
IL-US ORD



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11
02



500-264388 Waybl

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

ACTWGT: 26.00 LB 00.00
CAD: 07803077/CAFE3855

Part # 159468

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



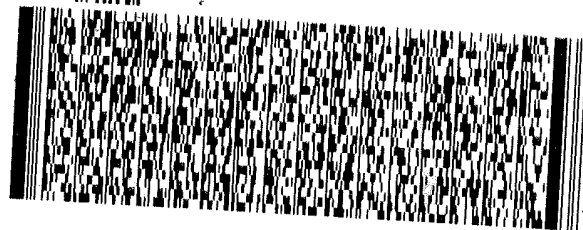
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(262) 202-6066
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RMA



FedEx
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RETURN MON SAT
WED - 26 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



EXP 11/25

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

ACTWGT: 26.00 LB 00.00
CAD: 07803077/CAFE3855

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TO **SAMPLE RECIPT**
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SUITE E
TINLEY PARK IL 60487

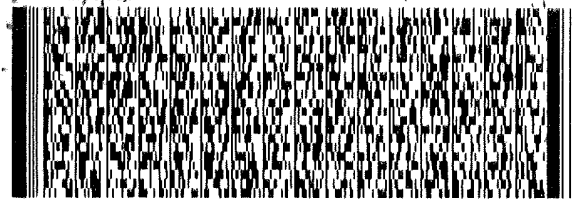
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(262) 202-6066
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REF:

DEPT:

RMA



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WED - 26 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



EXP 11/25

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

Part
59.67 43.
5963434317 FFE28

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

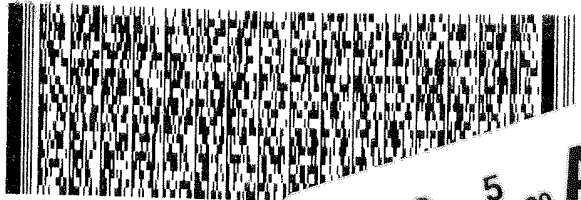
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INU
PO

REF

DEPT

500-264388 Waybi

RMA. ||| ||| |||



FedEx
Express



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4229
02 27

- SAT

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ST 10

OVERNIGHT

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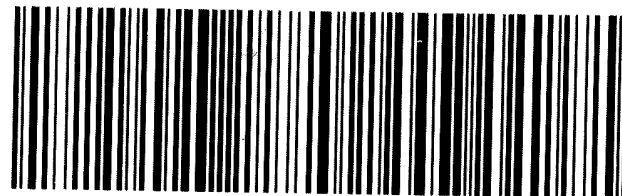
XP JOTA

60487

IL-US

ORD

EXP 11/25



#784577 02/26 58CJ4/26DE/C6C4

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

5963434317 FFE28
5963434317 FFE28
EXP 12.00

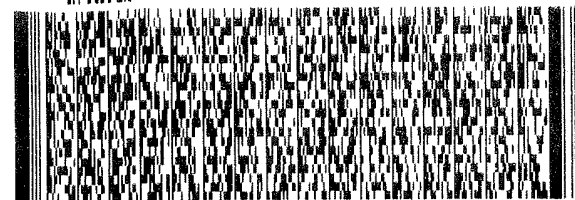
TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INU
PO

REF

DEPT

RMA. ||| ||| |||



FedEx
Express



JP44024004704

TRK# 4376 0568 1544
0221

RETURNS MON-SAT
PRIORITY OVERNIGHT

FedEx
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THU - 27 FEB 10:30
PRIORITY OVERNIGHT

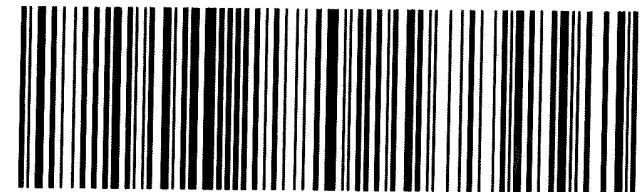
XP JOTA

60487

IL-US

ORD

EXP 11/25



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

500-264388 Waybl

3855

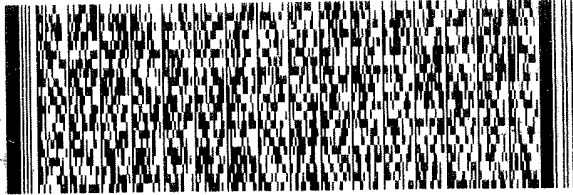
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV:
PO.

REF

DEPT

RMA



FedEx
Express



J2430240704010V

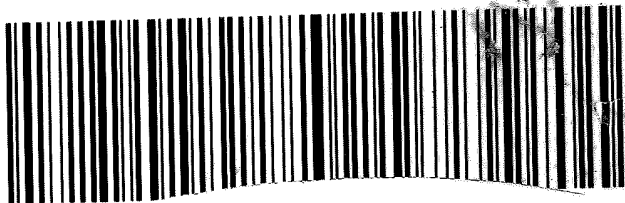
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FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

JOTA

60487
IL-US ORD



EXP 11/25

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

ALINGI - 25 00 LB MAN
CAD. 0780307/CAFE3855

Part # 159489-434 MIV EXP 4.

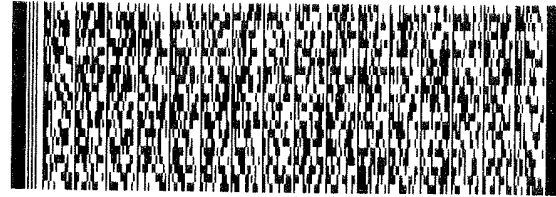
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV
PO.

REF

DEPT

RMA



FedEx
Express



J2430240704010V

TRK#
0221

4376 0568 1647

RETURNS MON - SAT
PRIORITY OVERNIGHT

FedEx

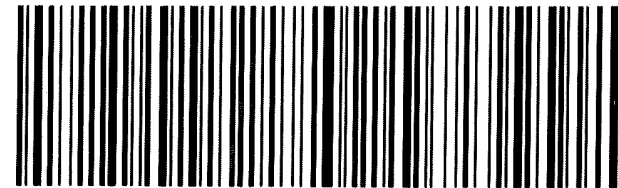
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FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



EXP 11/25

#784577 02/27 58CJ4/26RE/0601

14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

CAD: 0780307/CAFE3855

Part # 159469-434 MTW
SRCS/FC12/FF2E

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

(202) 202-6866
THU: PO

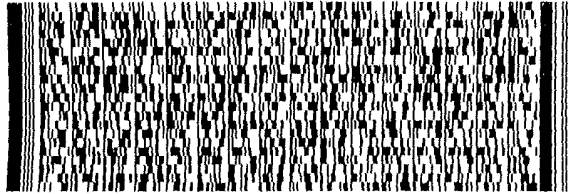
REF

DEPT

RT 726

7 12:00
A
1670
03.01

RMA: 1111111111



FedEx
Express



12430324070401.00

TRK# 4376 0568 1670
0221

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

IL-US

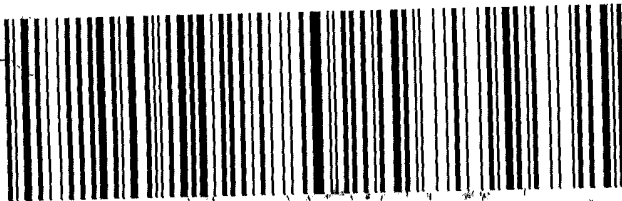
EdEx
K# 4376 0568 1670
21

SATURDAY 12:00P
PRIORITY OVERNIGHT

60487

IL-US OR

KO JOTA



14577 02/28 5BCJ4/26DE/C6C4



500-264388 Waybi

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-1

Login Number: 264388

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2,5.7,0.0,2.7,1.7,0.8,-0.3,-0.6 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: Duplicate

Lab Sample ID: 500-264388-1

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		5	808948	RN	EET CHI	03/06/25 12:22
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 12:29
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808661	RN	EET CHI	03/04/25 15:41
Total/NA	Prep	7470A			807812	MJG	EET CHI	02/26/25 13:40 - 02/26/25 15:40 ¹
Total/NA	Analysis	7470A		1	807932	MJG	EET CHI	02/27/25 08:55
Total/NA	Analysis	SM 2540C		1	807701	CLB	EET CHI	02/26/25 04:14
Total/NA	Analysis	SM 4500 Cl- E		2	809219	TR	EET CHI	03/09/25 11:16
Total/NA	Analysis	SM 4500 F C		1	807786	SO	EET CHI	02/26/25 11:13
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:34

Client Sample ID: MW-10

Lab Sample ID: 500-264388-2

Date Collected: 02/24/25 12:32

Matrix: Water

Date Received: 02/25/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		5	808948	RN	EET CHI	03/06/25 12:24
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 12:31
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808661	RN	EET CHI	03/04/25 15:48
Total/NA	Prep	7470A			807812	MJG	EET CHI	02/26/25 13:40 - 02/26/25 15:40 ¹
Total/NA	Analysis	7470A		1	807932	MJG	EET CHI	02/27/25 08:57
Total/NA	Analysis	SM 2540C		1	807701	CLB	EET CHI	02/26/25 04:16
Total/NA	Analysis	SM 4500 Cl- E		2	809219	TR	EET CHI	03/09/25 11:16
Total/NA	Analysis	SM 4500 F C		1	807786	SO	EET CHI	02/26/25 11:17
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:35

Client Sample ID: MW-11

Lab Sample ID: 500-264388-3

Date Collected: 02/24/25 13:51

Matrix: Water

Date Received: 02/25/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 12:34
Total Recoverable	Prep	3005A			807686	S1Z	EET CHI	02/25/25 16:19 - 02/25/25 22:19 ¹
Total Recoverable	Analysis	6020B		1	808661	RN	EET CHI	03/04/25 15:55
Total/NA	Prep	7470A			807812	MJG	EET CHI	02/26/25 13:40 - 02/26/25 15:40 ¹
Total/NA	Analysis	7470A		1	807932	MJG	EET CHI	02/27/25 09:00
Total/NA	Analysis	SM 2540C		1	807701	CLB	EET CHI	02/26/25 04:19
Total/NA	Analysis	SM 4500 Cl- E		2	809219	TR	EET CHI	03/09/25 11:17

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-11

Date Collected: 02/24/25 13:51

Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	807786	SO	EET CHI	02/26/25 11:22
Total/NA	Analysis	SM 4500 SO4 E		2	809497	TR	EET CHI	03/11/25 09:35

Client Sample ID: MW-03

Date Collected: 02/25/25 14:48

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:07
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:45
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:33
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:04
Total/NA	Analysis	SM 4500 Cl- E		2	809219	TR	EET CHI	03/09/25 11:17
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:11
Total/NA	Analysis	SM 4500 SO4 E		1	809497	TR	EET CHI	03/11/25 09:20

Client Sample ID: MW-04

Date Collected: 02/25/25 13:06

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:20
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:58
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:43
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:06
Total/NA	Analysis	SM 4500 Cl- E		2	809219	TR	EET CHI	03/09/25 11:17
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:15
Total/NA	Analysis	SM 4500 SO4 E		2	809497	TR	EET CHI	03/11/25 09:35

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:22
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 16:00

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:45
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:08
Total/NA	Analysis	SM 4500 Cl- E		5	809219	TR	EET CHI	03/09/25 11:30
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:20
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:37

Client Sample ID: MW-15

Date Collected: 02/25/25 09:35

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:29
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 16:11
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:47
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:09
Total/NA	Analysis	SM 4500 Cl- E		10	809219	TR	EET CHI	03/09/25 11:30
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:25
Total/NA	Analysis	SM 4500 SO4 E		10	809497	TR	EET CHI	03/11/25 09:53

Client Sample ID: MW-16

Date Collected: 02/25/25 10:43

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:32
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 16:03
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:56
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:11
Total/NA	Analysis	SM 4500 Cl- E		1	809219	TR	EET CHI	03/09/25 11:00
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:38
Total/NA	Analysis	SM 4500 SO4 E		1	809497	TR	EET CHI	03/11/25 09:21

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-22

Date Collected: 02/25/25 08:28

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:34
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 16:13
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 09:58
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:13
Total/NA	Analysis	SM 4500 CI- E		1	809219	TR	EET CHI	03/09/25 11:00
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:42
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:53

Client Sample ID: Duplicate 2

Date Collected: 02/25/25 00:00

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 20:37
Total Recoverable	Prep	3005A			807837	S1Z	EET CHI	02/26/25 16:22 - 02/26/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 16:17
Total/NA	Prep	7470A			807950	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 ¹
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 10:01
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 12:15
Total/NA	Analysis	SM 4500 CI- E		2	809219	TR	EET CHI	03/09/25 11:30
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:46
Total/NA	Analysis	SM 4500 SO4 E		2	809497	TR	EET CHI	03/11/25 09:37

Client Sample ID: Duplicate 3

Date Collected: 02/26/25 00:00

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:08
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:34
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:27
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:41
Total/NA	Analysis	SM 4500 CI- E		2	809219	TR	EET CHI	03/09/25 11:31
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 14:51
Total/NA	Analysis	SM 4500 SO4 E		2	809497	TR	EET CHI	03/11/25 09:38

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-08

Date Collected: 02/26/25 14:17

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:10
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:37
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:30
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:47
Total/NA	Analysis	SM 4500 CI- E		5	809219	TR	EET CHI	03/09/25 11:31
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:04
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:38

Client Sample ID: MW-06

Date Collected: 02/26/25 13:24

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:13
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:40
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:32
Total/NA	Analysis	SM 2540C		1	808589	SO	EET CHI	03/04/25 15:39
Total/NA	Analysis	SM 4500 CI- E		5	809219	TR	EET CHI	03/09/25 11:31
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:08
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 09:38

Client Sample ID: MW-07

Date Collected: 02/26/25 12:09

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:15
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:42
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:34
Total/NA	Analysis	SM 2540C		1	808589	SO	EET CHI	03/04/25 15:41
Total/NA	Analysis	SM 4500 CI- E		5	809219	TR	EET CHI	03/09/25 11:32
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:12
Total/NA	Analysis	SM 4500 SO4 E		1	809497	TR	EET CHI	03/11/25 09:22

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-02

Date Collected: 02/26/25 10:26

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:17
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:45
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:36
Total/NA	Analysis	SM 2540C		1	808589	SO	EET CHI	03/04/25 15:43
Total/NA	Analysis	SM 4500 CI- E		2	809384	TR	EET CHI	03/10/25 12:21
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:17
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:46

Client Sample ID: MW-21D

Date Collected: 02/26/25 08:30

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:20
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:47
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:38
Total/NA	Analysis	SM 2540C		1	808589	SO	EET CHI	03/04/25 15:45
Total/NA	Analysis	SM 4500 CI- E		5	809384	TR	EET CHI	03/10/25 12:22
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:22
Total/NA	Analysis	SM 4500 SO4 E		5	809591	TR	EET CHI	03/11/25 14:46

Client Sample ID: MW-12R

Date Collected: 02/27/25 12:04

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:27
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:50
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 09:41
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:54
Total/NA	Analysis	SM 4500 CI- E		5	809384	TR	EET CHI	03/10/25 12:22
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 12:39
Total/NA	Analysis	SM 4500 SO4 E		5	809591	TR	EET CHI	03/11/25 15:00

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Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-09

Date Collected: 02/27/25 11:00

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:30
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:58
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:21
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:55
Total/NA	Analysis	SM 4500 CI- E		1	809384	TR	EET CHI	03/10/25 11:35
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 12:43
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:46

Client Sample ID: MW-01

Date Collected: 02/27/25 08:23

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:33
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 14:00
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:23
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:58
Total/NA	Analysis	SM 4500 CI- E		2	809384	TR	EET CHI	03/10/25 14:37
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 12:49
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:45

Client Sample ID: MW-18

Date Collected: 02/27/25 09:39

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:35
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 14:03
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:25
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 16:00
Total/NA	Analysis	SM 4500 CI- E		5	809384	TR	EET CHI	03/10/25 14:38
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 12:53
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:47

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Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-18A

Date Collected: 02/27/25 10:09

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:38
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 14:06
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:27
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 16:01
Total/NA	Analysis	SM 4500 Cl- E		5	809384	TR	EET CHI	03/10/25 14:37
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 12:57
Total/NA	Analysis	SM 4500 SO4 E		100	809591	TR	EET CHI	03/11/25 15:00

Client Sample ID: MW-14

Date Collected: 02/26/25 09:13

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:40
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 14:08
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:30
Total/NA	Analysis	SM 2540C		1	808589	SO	EET CHI	03/04/25 15:47
Total/NA	Analysis	SM 4500 Cl- E		5	809384	TR	EET CHI	03/10/25 14:37
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:26
Total/NA	Analysis	SM 4500 SO4 E		100	809497	TR	EET CHI	03/11/25 12:30

Client Sample ID: MW-19

Date Collected: 02/28/25 08:56

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 16:43
Total Recoverable	Prep	3005A			808814	BDE	EET CHI	03/06/25 08:10 - 03/06/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 14:11
Total/NA	Prep	7470A			809827	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:32
Total/NA	Analysis	SM 2540C		1	808973	SO	EET CHI	03/06/25 16:41
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 14:10
Total/NA	Analysis	SM 4500 F C		1	809579	AC	EET CHI	03/11/25 17:18
Total/NA	Analysis	SM 4500 SO4 E		5	809497	TR	EET CHI	03/11/25 11:49

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

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Lab Chronicle

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

Job ID: 500-264388-1

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 500-264388-1

Laboratory: Eurofins Chicago

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

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/7/2025 3:52:27 PM

JOB DESCRIPTION

Powerton CCR (RAD)

JOB NUMBER

500-264388-2

Eurofins Chicago

Job Notes

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

Authorization



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Authorized for release by
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Case Narrative

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

Job ID: 500-264388-2

Job ID: 500-264388-2

Eurofins Chicago

Job Narrative 500-264388-2

Receipt

The samples were received on 02/25/25 10:00. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6° C, -0.3° C, 0.0° C, 0.2° C, 0.8° C, 1.7° C, 2.7° C and 5.7° C.

Receipt Exceptions

The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: MW-18A (500-264388-21). The sample was adjusted to the appropriate pH in the laboratory.

Affected containers:

E-21
F-21
G-21

RAD

Method 904.0: Radium-228 Prep Batch 160-705650:

The detection goal was not met for the following sample due to insufficient sample available for analysis: (480-227468-A-1-B DU). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 Prep Batch 1660-705650:

The detection goal was not met for the following samples due to the reduction of sample size required by the presence of matrix interferences (discoloration, turbidity noted by the prep analyst): Duplicate (500-264388-1) and MW-10 (500-264388-2). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 705865

The method blank (MB) exhibits activity above the requested limit (RL) for Radium-228. Associated sample(s) have activity below the RL. The data for the following samples have been reported with this narrative: (MB 160-705865/1-A)

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

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Method Summary

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

Job ID: 500-264388-2

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: 500-264388-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264388-1	Duplicate	Water	02/24/25 00:00	02/25/25 10:00
500-264388-2	MW-10	Water	02/24/25 12:32	02/25/25 10:00
500-264388-3	MW-11	Water	02/24/25 13:51	02/25/25 10:00
500-264388-4	MW-03	Water	02/25/25 14:48	02/26/25 10:10
500-264388-5	MW-04	Water	02/25/25 13:06	02/26/25 10:10
500-264388-6	MW-05	Water	02/25/25 12:08	02/26/25 10:10
500-264388-7	MW-15	Water	02/25/25 09:35	02/26/25 10:10
500-264388-8	MW-16	Water	02/25/25 10:43	02/26/25 10:10
500-264388-9	MW-22	Water	02/25/25 08:28	02/26/25 10:10
500-264388-10	Duplicate 2	Water	02/25/25 00:00	02/26/25 10:10
500-264388-11	Duplicate 3	Water	02/26/25 00:00	02/27/25 09:45
500-264388-12	MW-08	Water	02/26/25 14:17	02/27/25 09:45
500-264388-13	MW-06	Water	02/26/25 13:24	02/27/25 09:45
500-264388-14	MW-07	Water	02/26/25 12:09	02/27/25 09:45
500-264388-15	MW-02	Water	02/26/25 10:26	02/27/25 09:45
500-264388-16	MW-21D	Water	02/26/25 08:30	02/27/25 09:45
500-264388-17	MW-12R	Water	02/27/25 12:04	02/28/25 09:20
500-264388-18	MW-09	Water	02/27/25 11:00	02/28/25 09:20
500-264388-19	MW-01	Water	02/27/25 08:23	02/28/25 09:20
500-264388-20	MW-18	Water	02/27/25 09:39	02/28/25 09:20
500-264388-21	MW-18A	Water	02/27/25 10:09	02/28/25 09:20
500-264388-22	MW-14	Water	02/26/25 09:13	03/01/25 09:30
500-264388-23	MW-19	Water	02/28/25 08:56	03/01/25 09:30

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: Duplicate

Lab Sample ID: 500-264388-1

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 10:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.07		0.298	0.313	1.00	0.225	pCi/L	03/03/25 07:20	03/29/25 15:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.9		30 - 110					03/03/25 07:20	03/29/25 15:14	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	1.71	G	0.922	0.935	1.00	1.30	pCi/L	03/03/25 07:23	03/25/25 14:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.9		30 - 110					03/03/25 07:23	03/25/25 14:16	1
Y Carrier	77.8		30 - 110					03/03/25 07:23	03/25/25 14:16	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	2.78		0.969	0.986	5.00	1.30	pCi/L		04/07/25 14:39	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-10

Lab Sample ID: 500-264388-2

Date Collected: 02/24/25 12:32

Matrix: Water

Date Received: 02/25/25 10:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.82		0.419	0.450	1.00	0.350	pCi/L	03/03/25 07:20	03/29/25 15:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.2		30 - 110					03/03/25 07:20	03/29/25 15:14	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	3.41	G	1.09	1.13	1.00	1.24	pCi/L	03/03/25 07:23	03/25/25 14:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.2		30 - 110					03/03/25 07:23	03/25/25 14:17	1
Y Carrier	76.6		30 - 110					03/03/25 07:23	03/25/25 14:17	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	5.23		1.17	1.22	5.00	1.24	pCi/L		04/07/25 14:39	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-11

Lab Sample ID: 500-264388-3

Date Collected: 02/24/25 13:51

Matrix: Water

Date Received: 02/25/25 10:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.575		0.262	0.267	1.00	0.319	pCi/L	03/04/25 07:30	04/01/25 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					03/04/25 07:30	04/01/25 07:42	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	-0.218	U	0.381	0.382	1.00	0.790	pCi/L	03/27/25 11:40	04/04/25 10:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.4		30 - 110					03/27/25 11:40	04/04/25 10:27	1
Y Carrier	80.7		30 - 110					03/27/25 11:40	04/04/25 10:27	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.357	U	0.462	0.466	5.00	0.790	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-03

Lab Sample ID: 500-264388-4

Date Collected: 02/25/25 14:48

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0255	U	0.0598	0.0599	1.00	0.135	pCi/L	03/04/25 07:30	04/01/25 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					03/04/25 07:30	04/01/25 07:42	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	0.356	U	0.359	0.361	1.00	0.578	pCi/L	03/27/25 11:40	04/04/25 10:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.3		30 - 110					03/27/25 11:40	04/04/25 10:27	1
Y Carrier	78.5		30 - 110					03/27/25 11:40	04/04/25 10:27	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.331	U	0.364	0.366	5.00	0.578	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-04

Lab Sample ID: 500-264388-5

Date Collected: 02/25/25 13:06

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0119	U	0.0668	0.0668	1.00	0.143	pCi/L	03/04/25 07:30	04/01/25 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					03/04/25 07:30	04/01/25 07:42	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	0.977		0.510	0.518	1.00	0.722	pCi/L	03/04/25 07:33	03/26/25 15:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					03/04/25 07:33	03/26/25 15:06	1
Y Carrier	76.6		30 - 110					03/04/25 07:33	03/26/25 15:06	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	0.965		0.514	0.522	5.00	0.722	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

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	0.0830	U	0.0819	0.0822	1.00	0.127	pCi/L	03/04/25 07:30	04/01/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					03/04/25 07:30	04/01/25 09:41	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	0.790		0.520	0.525	1.00	0.759	pCi/L	03/04/25 07:33	03/26/25 17:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					03/04/25 07:33	03/26/25 17:47	1
Y Carrier	75.5		30 - 110					03/04/25 07:33	03/26/25 17:47	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.873		0.526	0.531	5.00	0.759	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-15

Lab Sample ID: 500-264388-7

Date Collected: 02/25/25 09:35

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.145		0.0888	0.0898	1.00	0.114	pCi/L	03/04/25 07:30	04/01/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					03/04/25 07:30	04/01/25 09:41	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	0.822		0.456	0.462	1.00	0.671	pCi/L	03/27/25 11:40	04/04/25 10:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.0		30 - 110					03/27/25 11:40	04/04/25 10:36	1
Y Carrier	84.5		30 - 110					03/27/25 11:40	04/04/25 10:36	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	0.967		0.465	0.471	5.00	0.671	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-16

Lab Sample ID: 500-264388-8

Date Collected: 02/25/25 10:43

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0174	U	0.0567	0.0567	1.00	0.112	pCi/L	03/04/25 07:30	04/01/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.8		30 - 110					03/04/25 07:30	04/01/25 09:41	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	0.255	0.256	1.00	0.502	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	83.7		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.101	U	0.261	0.262	5.00	0.502	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-22

Lab Sample ID: 500-264388-9

Date Collected: 02/25/25 08:28

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.197		0.109	0.111	1.00	0.140	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					03/04/25 07:30	04/01/25 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	0.851		0.491	0.497	1.00	0.716	pCi/L	03/04/25 07:33	03/26/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					03/04/25 07:33	03/26/25 15:01	1
Y Carrier	75.9		30 - 110					03/04/25 07:33	03/26/25 15:01	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	1.05		0.503	0.509	5.00	0.716	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: Duplicate 2

Lab Sample ID: 500-264388-10

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 10:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00176	U	0.0638	0.0638	1.00	0.131	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					03/04/25 07:30	04/01/25 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	0.361	U	0.378	0.379	1.00	0.612	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.7		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	83.0		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.362	U	0.383	0.384	5.00	0.612	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: Duplicate 3

Lab Sample ID: 500-264388-11

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0839	U	0.101	0.101	1.00	0.166	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					03/04/25 07:30	04/01/25 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	0.819		0.447	0.453	1.00	0.642	pCi/L	03/04/25 07:33	03/26/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					03/04/25 07:33	03/26/25 15:01	1
Y Carrier	81.9		30 - 110					03/04/25 07:33	03/26/25 15:01	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	0.903		0.458	0.464	5.00	0.642	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-08

Lab Sample ID: 500-264388-12

Date Collected: 02/26/25 14:17

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.108	0.109	1.00	0.154	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					03/04/25 07:30	04/01/25 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	0.985		0.509	0.517	1.00	0.712	pCi/L	03/04/25 07:33	03/26/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					03/04/25 07:33	03/26/25 15:01	1
Y Carrier	75.1		30 - 110					03/04/25 07:33	03/26/25 15:01	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	1.14		0.520	0.528	5.00	0.712	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-06

Lab Sample ID: 500-264388-13

Date Collected: 02/26/25 13:24

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138	U	0.107	0.108	1.00	0.157	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					03/04/25 07:30	04/01/25 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	0.225	U	0.423	0.423	1.00	0.729	pCi/L	03/04/25 07:33	03/26/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					03/04/25 07:33	03/26/25 15:01	1
Y Carrier	78.1		30 - 110					03/04/25 07:33	03/26/25 15:01	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	0.364	U	0.436	0.437	5.00	0.729	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-07

Lab Sample ID: 500-264388-14

Date Collected: 02/26/25 12:09

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.737		0.291	0.298	1.00	0.334	pCi/L	03/04/25 07:30	04/01/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					03/04/25 07:30	04/01/25 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	0.233	U	0.486	0.487	1.00	0.850	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.0		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	83.7		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.970		0.566	0.571	5.00	0.850	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-02

Lab Sample ID: 500-264388-15

Date Collected: 02/26/25 10:26

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.102	U	0.0880	0.0885	1.00	0.131	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.553		0.345	0.349	1.00	0.506	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	84.5		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.656		0.356	0.360	5.00	0.506	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-21D

Lab Sample ID: 500-264388-16

Date Collected: 02/26/25 08:30

Matrix: Water

Date Received: 02/27/25 09:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0305	U	0.0640	0.0640	1.00	0.116	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.957		0.510	0.517	1.00	0.702	pCi/L	03/04/25 07:33	03/26/25 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/04/25 07:33	03/26/25 17:54	1
Y Carrier	79.6		30 - 110					03/04/25 07:33	03/26/25 17:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.988		0.514	0.521	5.00	0.702	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-12R

Lab Sample ID: 500-264388-17

Date Collected: 02/27/25 12:04

Matrix: Water

Date Received: 02/28/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.274		0.112	0.114	1.00	0.108	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.116	U	0.330	0.330	1.00	0.645	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.1		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	83.4		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.158	U	0.348	0.349	5.00	0.645	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-09

Lab Sample ID: 500-264388-18

Date Collected: 02/27/25 11:00

Matrix: Water

Date Received: 02/28/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00104	U	0.0845	0.0845	1.00	0.170	pCi/L	03/06/25 07:49	04/01/25 21:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					03/06/25 07:49	04/01/25 21:59	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	0.901		0.523	0.530	1.00	0.763	pCi/L	03/06/25 07:52	03/28/25 13:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					03/06/25 07:52	03/28/25 13:46	1
Y Carrier	87.9		30 - 110					03/06/25 07:52	03/28/25 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	0.902		0.530	0.537	5.00	0.763	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-01

Lab Sample ID: 500-264388-19

Date Collected: 02/27/25 08:23

Matrix: Water

Date Received: 02/28/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0838	U	0.0784	0.0788	1.00	0.120	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.482	U	0.344	0.347	1.00	0.510	pCi/L	03/04/25 07:33	03/26/25 15:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					03/04/25 07:33	03/26/25 15:02	1
Y Carrier	78.9		30 - 110					03/04/25 07:33	03/26/25 15:02	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	0.566		0.353	0.356	5.00	0.510	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-18

Lab Sample ID: 500-264388-20

Date Collected: 02/27/25 09:39

Matrix: Water

Date Received: 02/28/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.217		0.122	0.124	1.00	0.158	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.474	U	0.409	0.411	1.00	0.642	pCi/L	03/27/25 11:40	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.0		30 - 110					03/27/25 11:40	04/04/25 10:30	1
Y Carrier	80.0		30 - 110					03/27/25 11:40	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.691		0.427	0.429	5.00	0.642	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-18A

Lab Sample ID: 500-264388-21

Date Collected: 02/27/25 10:09

Matrix: Water

Date Received: 02/28/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.575		0.192	0.199	1.00	0.178	pCi/L	03/04/25 07:30	04/01/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110					03/04/25 07:30	04/01/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.687	U	0.473	0.477	1.00	0.698	pCi/L	03/27/25 11:42	04/04/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					03/27/25 11:42	04/04/25 10:30	1
Y Carrier	79.3		30 - 110					03/27/25 11:42	04/04/25 10:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.26		0.510	0.517	5.00	0.698	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-14

Lab Sample ID: 500-264388-22

Date Collected: 02/26/25 09:13

Matrix: Water

Date Received: 03/01/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0834	U	0.0936	0.0939	1.00	0.151	pCi/L	03/06/25 07:49	04/01/25 22:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					03/06/25 07:49	04/01/25 22:17	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	0.251	U	0.397	0.398	1.00	0.678	pCi/L	03/06/25 07:52	03/28/25 13:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					03/06/25 07:52	03/28/25 13:47	1
Y Carrier	82.2		30 - 110					03/06/25 07:52	03/28/25 13:47	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.334	U	0.408	0.409	5.00	0.678	pCi/L		04/07/25 15:00	1

Client Sample Results

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

Job ID: 500-264388-2

Client Sample ID: MW-19

Lab Sample ID: 500-264388-23

Date Collected: 02/28/25 08:56

Matrix: Water

Date Received: 03/01/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0659	U	0.0904	0.0906	1.00	0.152	pCi/L	03/06/25 07:49	04/01/25 22:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					03/06/25 07:49	04/01/25 22:17	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	1.31		0.585	0.597	1.00	0.791	pCi/L	03/06/25 07:52	03/28/25 13:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					03/06/25 07:52	03/28/25 13:47	1
Y Carrier	82.6		30 - 110					03/06/25 07:52	03/28/25 13:47	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.38		0.592	0.604	5.00	0.791	pCi/L		04/07/25 15:00	1

Definitions/Glossary

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

Job ID: 500-264388-2

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: 500-264388-2

Rad

Prep Batch: 705649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	PrecSep-21	
500-264388-2	MW-10	Total/NA	Water	PrecSep-21	
MB 160-705649/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705649/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 705650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-1	Duplicate	Total/NA	Water	PrecSep_0	
500-264388-2	MW-10	Total/NA	Water	PrecSep_0	
MB 160-705650/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705650/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 705864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-3	MW-11	Total/NA	Water	PrecSep-21	
500-264388-4	MW-03	Total/NA	Water	PrecSep-21	
500-264388-5	MW-04	Total/NA	Water	PrecSep-21	
500-264388-6	MW-05	Total/NA	Water	PrecSep-21	
500-264388-7	MW-15	Total/NA	Water	PrecSep-21	
500-264388-8	MW-16	Total/NA	Water	PrecSep-21	
500-264388-9	MW-22	Total/NA	Water	PrecSep-21	
500-264388-10	Duplicate 2	Total/NA	Water	PrecSep-21	
500-264388-11	Duplicate 3	Total/NA	Water	PrecSep-21	
500-264388-12	MW-08	Total/NA	Water	PrecSep-21	
500-264388-13	MW-06	Total/NA	Water	PrecSep-21	
500-264388-14	MW-07	Total/NA	Water	PrecSep-21	
500-264388-15	MW-02	Total/NA	Water	PrecSep-21	
500-264388-16	MW-21D	Total/NA	Water	PrecSep-21	
500-264388-17	MW-12R	Total/NA	Water	PrecSep-21	
500-264388-19	MW-01	Total/NA	Water	PrecSep-21	
500-264388-20	MW-18	Total/NA	Water	PrecSep-21	
500-264388-21	MW-18A	Total/NA	Water	PrecSep-21	
MB 160-705864/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705864/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 705865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-5	MW-04	Total/NA	Water	PrecSep_0	
500-264388-6	MW-05	Total/NA	Water	PrecSep_0	
500-264388-9	MW-22	Total/NA	Water	PrecSep_0	
500-264388-11	Duplicate 3	Total/NA	Water	PrecSep_0	
500-264388-12	MW-08	Total/NA	Water	PrecSep_0	
500-264388-13	MW-06	Total/NA	Water	PrecSep_0	
500-264388-16	MW-21D	Total/NA	Water	PrecSep_0	
500-264388-19	MW-01	Total/NA	Water	PrecSep_0	
MB 160-705865/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705865/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 706368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-18	MW-09	Total/NA	Water	PrecSep-21	

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QC Association Summary

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

Job ID: 500-264388-2

Rad (Continued)

Prep Batch: 706368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-22	MW-14	Total/NA	Water	PrecSep-21	
500-264388-23	MW-19	Total/NA	Water	PrecSep-21	
MB 160-706368/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-706368/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 706369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-18	MW-09	Total/NA	Water	PrecSep_0	
500-264388-22	MW-14	Total/NA	Water	PrecSep_0	
500-264388-23	MW-19	Total/NA	Water	PrecSep_0	
MB 160-706369/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-706369/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264388-3	MW-11	Total/NA	Water	PrecSep_0	
500-264388-4	MW-03	Total/NA	Water	PrecSep_0	
500-264388-7	MW-15	Total/NA	Water	PrecSep_0	
500-264388-8	MW-16	Total/NA	Water	PrecSep_0	
500-264388-10	Duplicate 2	Total/NA	Water	PrecSep_0	
500-264388-14	MW-07	Total/NA	Water	PrecSep_0	
500-264388-15	MW-02	Total/NA	Water	PrecSep_0	
500-264388-17	MW-12R	Total/NA	Water	PrecSep_0	
500-264388-20	MW-18	Total/NA	Water	PrecSep_0	
500-264388-21	MW-18A	Total/NA	Water	PrecSep_0	
MB 160-709477/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709477/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

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

Job ID: 500-264388-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705649/1-A
Matrix: Water
Analysis Batch: 709928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705649

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.02760	U	0.0941	0.0941	1.00	0.195	pCi/L	03/03/25 07:20	03/29/25 13:25	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					03/03/25 07:20	03/29/25 13:25	1

Lab Sample ID: LCS 160-705649/2-A
Matrix: Water
Analysis Batch: 709929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705649

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.636		1.07	1.00	0.181	pCi/L	101	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	85.6		30 - 110							

Lab Sample ID: MB 160-705864/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705864

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02033	U	0.0926	0.0926	1.00	0.173	pCi/L	03/04/25 07:30	04/01/25 07:48	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					03/04/25 07:30	04/01/25 07:48	1

Lab Sample ID: LCS 160-705864/2-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705864

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.058		1.00	1.00	0.170	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	93.2		30 - 110							

Lab Sample ID: MB 160-706368/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706368

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02352	U	0.0954	0.0954	1.00	0.179	pCi/L	03/06/25 07:49	04/01/25 20:16	1

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QC Sample Results

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

Job ID: 500-264388-2

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

Lab Sample ID: MB 160-706368/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706368

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110	03/06/25 07:49	04/01/25 20:16	1

Lab Sample ID: LCS 160-706368/2-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706368

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.455		0.949	1.00	0.132	pCi/L	88	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	90.4		30 - 110						

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705650/1-A
Matrix: Water
Analysis Batch: 709227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705650

			Count	Total						
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2445	U	0.451	0.452	1.00	0.776	pCi/L	03/03/25 07:23	03/25/25 14:12	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					03/03/25 07:23	03/25/25 14:12	1
Y Carrier	77.0		30 - 110					03/03/25 07:23	03/25/25 14:12	1

Lab Sample ID: LCS 160-705650/2-A
Matrix: Water
Analysis Batch: 709227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705650

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.99	8.479		1.34	1.00	0.742	pCi/L	106	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	85.6		30 - 110						
Y Carrier	77.4		30 - 110						

Lab Sample ID: MB 160-705865/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705865

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.315		0.667	0.678	1.00	0.927	pCi/L	03/04/25 07:33	03/26/25 17:43	1

Eurofins Chicago

QC Sample Results

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

Job ID: 500-264388-2

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

Lab Sample ID: MB 160-705865/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705865

Carrier	MB MB		Limits			
	%Yield	Qualifier		Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110	03/04/25 07:33	03/26/25 17:43	1
Y Carrier	74.0		30 - 110	03/04/25 07:33	03/26/25 17:43	1

Lab Sample ID: LCS 160-705865/2-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705865

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228			7.99	9.609		1.50	1.00	0.766	pCi/L	120	75 - 125

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	93.2		30 - 110
Y Carrier	76.3		30 - 110

Lab Sample ID: MB 160-706369/1-A
Matrix: Water
Analysis Batch: 709818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706369

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.8359		0.434	0.441	1.00	0.624	pCi/L	03/06/25 07:52	03/28/25 12:18	1

Carrier	MB MB		Limits
	%Yield	Qualifier	
Ba Carrier	93.2		30 - 110
Y Carrier	84.5		30 - 110

Lab Sample ID: LCS 160-706369/2-A
Matrix: Water
Analysis Batch: 709819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706369

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228			7.98	8.322		1.20	1.00	0.587	pCi/L	104	75 - 125

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	90.4		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: MB 160-709477/1-A
Matrix: Water
Analysis Batch: 710744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709477

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.05780	U	0.315	0.315	1.00	0.572	pCi/L	03/27/25 08:23	04/04/25 10:25	1

Eurofins Chicago

QC Sample Results

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

Job ID: 500-264388-2

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

Lab Sample ID: MB 160-709477/1-A
Matrix: Water
Analysis Batch: 710744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709477

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.7		30 - 110
Y Carrier	84.5		30 - 110

Prepared	Analyzed	Dil Fac
03/27/25 08:23	04/04/25 10:25	1
03/27/25 08:23	04/04/25 10:25	1

Lab Sample ID: LCS 160-709477/2-A
Matrix: Water
Analysis Batch: 710744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709477

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.57	11.82		1.55	1.00	0.584	pCi/L	124	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.5		30 - 110
Y Carrier	79.3		30 - 110

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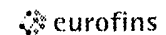
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2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Mizner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-132937-49657 1			
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page 1 of 1			
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested						Job #: <u>12313-1</u>	
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		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						Preservation Codes	
City: Brookfield		TAT Requested (days): <u>Standard</u>								D HNO3	
State Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No								N None	
Phone: 262-781-0475(Tel)		PO #: 4502160845								500-264388	
Email: kaelyns@kprginc.com		WO #:									
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612								Other:	
Site: <u>Powerton Station</u>		SSOW#:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)		Special Instructions/Note.	
MW-01								Water			
MW-02								Water			
4 MW-03		2/25/25		1448		G		Water		7	
5 MW-04				1306				Water			
6 MW-05				1208				Water			
7 MW-06 MW-15				0935				Water			
8 MW-07 MW-16				1043				Water			
9 MW-08 MW-22		2/25/25		0828		G		Water		7	
10 MW-09 Duplicate 2								Water			
MW-10								Water			
MW-11								Water			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements	
Empty Kit Relinquished by				Date		Time		Method of Shipment:			
Relinquished by: <u>Jack Mizner</u>				Date/Time: <u>2/25/25 1645</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/25/25 1645</u>	
Relinquished by:				Date/Time:		Company:		Received by: <u>Chad Smith</u>		Date/Time: <u>2/26/25 1010</u>	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact. ☐ Yes ☐ No				Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>5.8 → 5.7, 0.3 → 0.0</u>					

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16

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Chain of Custody Record

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Client Information		Sampler: <u>Jack Misner</u>		Lab PM: <u>Mockler, Diana J</u>		Carrier Tracking No(s)		COC No: <u>500-132937-49657 2</u>							
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>		E-Mail: <u>Diana.Mockler@eurofins.com</u>		State of Origin: <u>IL</u>		Page: <u>1051</u>							
Company: <u>KPRG and Associates, Inc.</u>		PWSID		Analysis Requested						Job #: <u>12313.1</u>					
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested		Field Filtered Sample (Yes or No) 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						Preservation Codes					
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>								D HNO3					
State/Zip: <u>WI, 53005</u>		Compliance Project: ☐ Yes ☐ No								N None					
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502160845</u>								500-264388 COC					
Email: <u>kaelyns@kprginc.com</u>		WO #:													
Project Name: <u>Powerton CCR Event Desc Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>		Other:						Special Instructions/Note:					
Site: <u>Powerton Station</u>		SSOW#:													
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)										
				Preservation Code:		X	X	D	D	N	N				
17	MW-12R	2/27/25	1204	G	Water	N	N	X	X	X	X				
18	MW-14 MW-09	2/27/25	1100	G	Water	N	N	X	X	X	X				
19	MW-15 MW-01	2/27/25	0823	G	Water	N	N	X	X	X	X				
	MW-16				Water										
	MW-17				Water										
20	MW-18	2/27/25	0939	G	Water	N	N	X	X	X	X				
21	MW-18A	2/27/25	1009	G	Water	N	N	X	X	X	X				
	MW-19				Water										
	MW-21D				Water										
	MW-22				Water										
	Duplicate 1				Water										
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements									
Empty Kit Relinquished by		Date		Time		Method of Shipment:									
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>2/27/25 1600</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/27/25 1600</u>		Company: <u>FedEx</u>					
Relinquished by:		Date/Time:		Company:		Received by: <u>Mike Root</u>		Date/Time: <u>2/28/25 0920</u>		Company: <u>EPRA</u>					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>1.1 → 0.8, 0.0 → 0.3</u>											

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University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-132937-49657 2						
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page 268 1091						
Company: KPRG and Associates, Inc		PWSID		Analysis Requested						Job #: <u>12313.1</u>				
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-264388 COC						Preservation Codes: D - HNO3 N - None <u>500-264388</u>				
City: Brookfield		TAT Requested (days): <u>Standard</u>												
State, Zip: WI, 53005		Compliance Project ☐ Yes ☐ No												
Phone: 262-781-0475(Tel)		PO #: 4502160845												
Email: kaelyns@kprginc.com		WO #:												
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		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						Other:				
Site: <u>Powerton Station</u>		SSOW#:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Total Number of Containers						Special Instructions/Note:		
					Preservation Code:									
MW-13R					Water									
22 MW-14		2/26/25	0913	G	Water	N	N	X	X	X	X			
MW-15					Water									
MW-16					Water									
MW-17					Water									
MW-18					Water									
MW-18A					Water									
23 MW-19		2/28/25	0856	G	Water	N	N	X	X	X	X			
MW-21D					Water									
MW-22					Water									
Duplicate 1					Water									
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months								
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements								
Empty Kit Relinquished by		Date		Time		Method of Shipment								
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>EEIA</u>				
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hemmady</u>		Date/Time: <u>3/1/25 0930</u>		Company:				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:				
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>-0.3 + -0.4</u>										

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

ACTING: 25 00 LB MAN
CAD 0780307/CAFE3855

Part # 159489-434 MTW EXP 04/25

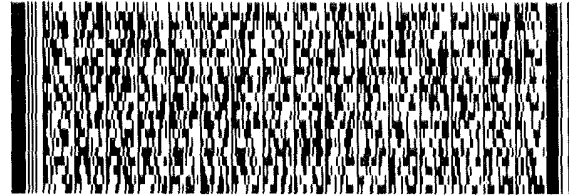
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EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(202) 202-6966
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PO:

REF:

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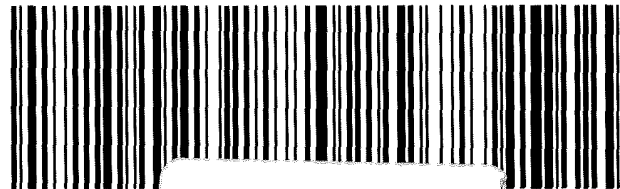


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PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



RT **B19** 5
ST **14** 10:30 **A**
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02



500-264388 Waybl

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

ACTWGT: 26.00 LB 00.00
CAD: 0780307/CAFE3855

Part # 159468

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



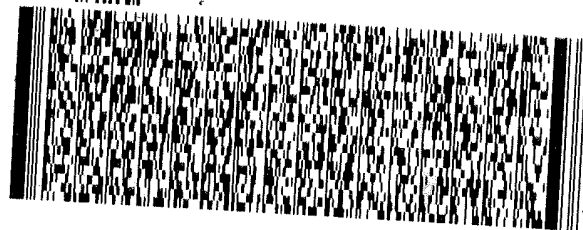
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(262) 202-6066
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DEPT:

RMA



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Express



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0221

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14665 WEST LIBSON ROAD
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BROOKFIELD, WI 53005
UNITED STATES US

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CAD: 0780307/CAFE3855

Part # 159468-434 INTW EXP 04/25

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18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

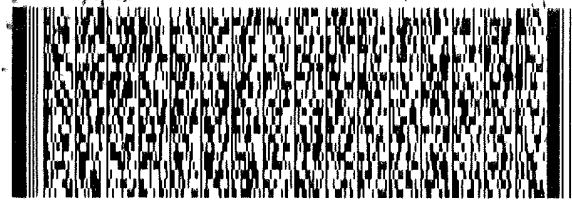
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INV
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EXP 11/25

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

Part
59.67 43.
5960343417/FF28

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

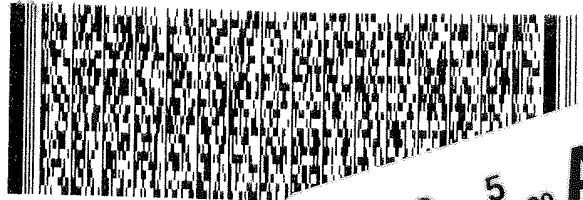
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500-264388 Waybi

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Express



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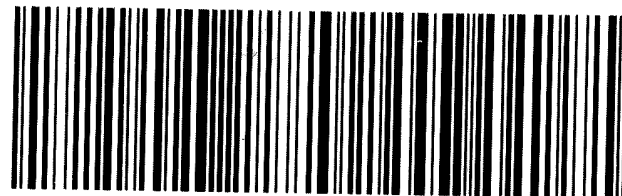
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60487

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#784577 02/26 58CJ4/26DE/C6C4

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

5960343417/FF28
EXP 12. 00

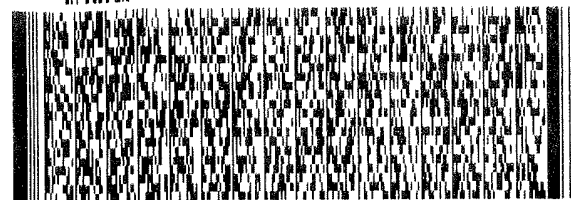
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EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
THU
PO

REF

DEPT

RMA. ||| ||| |||



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Express



TRK# 4376 0568 1544
0221

FedEx
TRK# 4376 0568 1544
0221

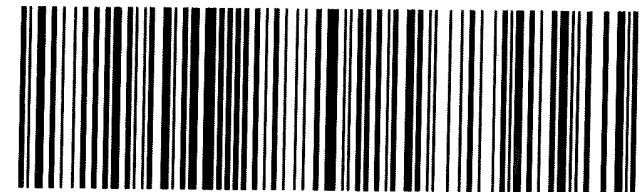
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RETURNS MON-SAT
PRIORITY OVERNIGHT

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



5960343417/FF28
EXP 12. 00

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

500-264388 Waybl

UHN
3855

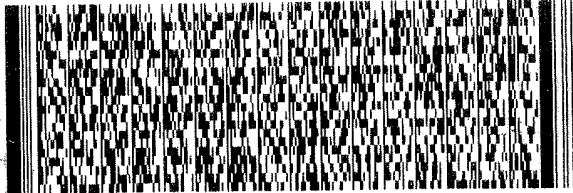
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV:
PO.

REF

DEPT

RMA



FedEx
Express



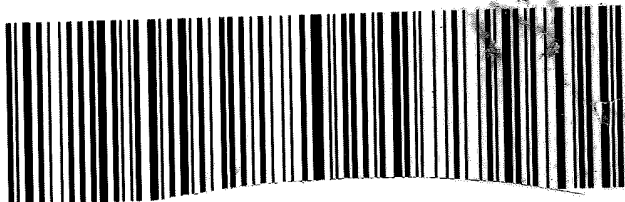
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PRIORITY OVERNIGHT

JOTA

60487
IL-US ORD



EXP 11/25

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

ALINGI - 25 00 LB MAN
CAD. 0780307/CAFE3855

Part # 159489-434 MTLV EXP 4.

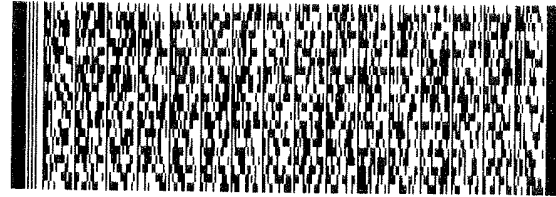
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV
PO.

REF

DEPT

RMA



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Express



J2430240704010V

TRK#
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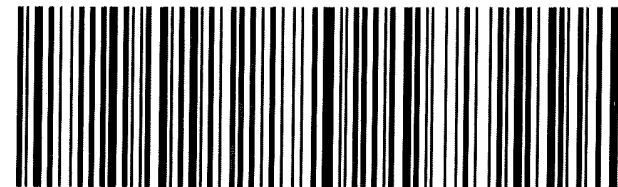
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PRIORITY OVERNIGHT

FedEx
TRK#
0221 4376 0568 1647

60487
FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



EXP 11/25

#784577 02/27 58CJ4/26RE/0601

14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

CAD: 0780307/CAFE3855

Part # 159469-434 MTW
SRCS/FC12/FF2E

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

(202) 202-6866
THU: PO

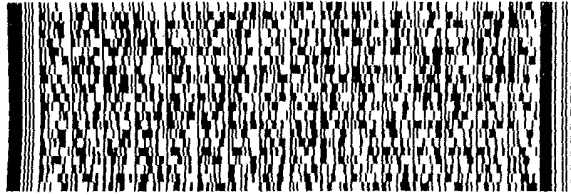
REF

DEPT

RT 726

7 12:00
A
1670
03.01

RMA: 11111111



FedEx
Express



1243024070401.00

TRK# 4376 0568 1670
0221

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

IL-US

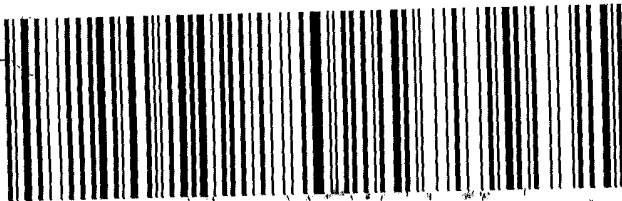
EdEx
K# 4376 0568 1670
21

SATURDAY 12:00P
PRIORITY OVERNIGHT

60487

IL-US OR

KO JOTA



14577 02/28 5BCJ4/26DE/C6C4



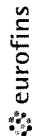
500-264388 Waybi

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)				Carrier Tracking No(s): N/A	
Client Contact: Shipping/Receiving Company: TestAmerica Laboratories, Inc.		Lab PM: Mockler, Diana J E-Mail: Diana.Mockler@et.eurofinsus.com State of Origin: Illinois		CCC No: 500-198932.1 Page: Page 1 of 1 Job #: 500-264388-2 Preservation Codes: -	
Address: 131715 Rider Trail North, City: Earth City State, Zip: MO, 63045 Phone: 314-298-8566(Tel) 314-298-8757(Fax) Email: N/A Project Name: Powerton CCR (RAD) Site: N/A				Due Date Requested: 3/17/2025 TAT Requested (days): N/A PO #: N/A WO #: N/A Project #: 50011612 SSOW#: N/A	
Analysis Requested				Special Instructions/Note:	
Total Number of Containers				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
903.0/PreSpec, 21 Standard Target List				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
904.0/PreSpec, 0 Standard Target List				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Perform MS/MSD (Yes or No)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Field Filtered Sample (Yes or No)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Preservation Code:				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Sample Date		Sample Time		Matrix (W=water, S=solid, O=oils, B=biomass, A=air)	
2/26/25		09:13 Central		G Water	
2/28/25		08:56 Central		G Water	
Sample Identification - Client ID (Lab ID)				Special Instructions/Note:	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-14 (500-264388-22)				Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-264388-23					

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2,5.7,0.0,2.7,1.7,0.8,-0.3,-0.6 samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 02/26/25 11:05 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 02/27/25 11:18 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 02/28/25 11:36 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 03/03/25 10:42 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/04/25 11:51 AM

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: Duplicate

Date Collected: 02/24/25 00:00

Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705649	OGC	EET SL	03/03/25 07:20
Total/NA	Analysis	903.0		1	709928	SWS	EET SL	03/29/25 15:14
Total/NA	Prep	PrecSep_0			705650	OGC	EET SL	03/03/25 07:23
Total/NA	Analysis	904.0		1	709229	SWS	EET SL	03/25/25 14:16
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 14:39

Client Sample ID: MW-10

Date Collected: 02/24/25 12:32

Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705649	OGC	EET SL	03/03/25 07:20
Total/NA	Analysis	903.0		1	709928	SWS	EET SL	03/29/25 15:14
Total/NA	Prep	PrecSep_0			705650	OGC	EET SL	03/03/25 07:23
Total/NA	Analysis	904.0		1	709229	SWS	EET SL	03/25/25 14:17
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 14:39

Client Sample ID: MW-11

Date Collected: 02/24/25 13:51

Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 07:42
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710744	SWS	EET SL	04/04/25 10:27
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-03

Date Collected: 02/25/25 14:48

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 07:42
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710744	SWS	EET SL	04/04/25 10:27
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-04

Date Collected: 02/25/25 13:06

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 07:42
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709425	SWS	EET SL	03/26/25 15:06
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 09:41
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709424	SWS	EET SL	03/26/25 17:47
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-15

Date Collected: 02/25/25 09:35

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 09:41
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710745	SWS	EET SL	04/04/25 10:36
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-16

Date Collected: 02/25/25 10:43

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 09:41
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-22

Date Collected: 02/25/25 08:28

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:01
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: Duplicate 2

Date Collected: 02/25/25 00:00

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: Duplicate 3

Date Collected: 02/26/25 00:00

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:01
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-08

Date Collected: 02/26/25 14:17

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:01
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-06

Date Collected: 02/26/25 13:24

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:01
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-07

Date Collected: 02/26/25 12:09

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:53
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-02

Date Collected: 02/26/25 10:26

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-21D

Date Collected: 02/26/25 08:30

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 17:54
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-12R

Lab Sample ID: 500-264388-17

Date Collected: 02/27/25 12:04

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-09

Lab Sample ID: 500-264388-18

Date Collected: 02/27/25 11:00

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 21:59
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:46
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-01

Lab Sample ID: 500-264388-19

Date Collected: 02/27/25 08:23

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:02
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-18

Lab Sample ID: 500-264388-20

Date Collected: 02/27/25 09:39

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-18A

Date Collected: 02/27/25 10:09

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:42
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-14

Date Collected: 02/26/25 09:13

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:17
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:47
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-19

Date Collected: 02/28/25 08:56

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:17
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:47
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

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: 500-264388-2

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: 500-264388-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)						
		Ba						
Lab Sample ID	Client Sample ID	(30-110)						
500-264388-1	Duplicate	96.9						
500-264388-2	MW-10	98.2						
500-264388-3	MW-11	80.1						
500-264388-4	MW-03	91.9						
500-264388-5	MW-04	82.5						
500-264388-6	MW-05	87.2						
500-264388-7	MW-15	88.5						
500-264388-8	MW-16	79.8						
500-264388-9	MW-22	83.0						
500-264388-10	Duplicate 2	88.7						
500-264388-11	Duplicate 3	86.1						
500-264388-12	MW-08	78.8						
500-264388-13	MW-06	78.8						
500-264388-14	MW-07	79.6						
500-264388-15	MW-02	81.7						
500-264388-16	MW-21D	97.1						
500-264388-17	MW-12R	82.7						
500-264388-18	MW-09	79.4						
500-264388-19	MW-01	88.0						
500-264388-20	MW-18	80.1						
500-264388-21	MW-18A	77.0						
500-264388-22	MW-14	84.6						
500-264388-23	MW-19	79.9						
LCS 160-705649/2-A	Lab Control Sample	85.6						
LCS 160-705864/2-A	Lab Control Sample	93.2						
LCS 160-706368/2-A	Lab Control Sample	90.4						
MB 160-705649/1-A	Method Blank	88.5						
MB 160-705864/1-A	Method Blank	84.6						
MB 160-706368/1-A	Method Blank	93.2						
Tracer/Carrier Legend								
Ba = Ba Carrier								

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba	Y				
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
500-264388-1	Duplicate	96.9	77.8				
500-264388-2	MW-10	98.2	76.6				
500-264388-3	MW-11	72.4	80.7				
500-264388-4	MW-03	77.3	78.5				
500-264388-5	MW-04	82.5	76.6				
500-264388-6	MW-05	87.2	75.5				
500-264388-7	MW-15	79.0	84.5				
500-264388-8	MW-16	94.4	83.7				
500-264388-9	MW-22	83.0	75.9				
500-264388-10	Duplicate 2	70.7	83.0				
500-264388-11	Duplicate 3	86.1	81.9				

Eurofins Chicago

Tracer/Carrier Summary

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

Job ID: 500-264388-2

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-264388-12	MW-08	78.8	75.1
500-264388-13	MW-06	78.8	78.1
500-264388-14	MW-07	67.0	83.7
500-264388-15	MW-02	82.6	84.5
500-264388-16	MW-21D	97.1	79.6
500-264388-17	MW-12R	71.1	83.4
500-264388-18	MW-09	79.4	87.9
500-264388-19	MW-01	88.0	78.9
500-264388-20	MW-18	67.0	80.0
500-264388-21	MW-18A	74.6	79.3
500-264388-22	MW-14	84.6	82.2
500-264388-23	MW-19	79.9	82.6
LCS 160-705650/2-A	Lab Control Sample	85.6	77.4
LCS 160-705865/2-A	Lab Control Sample	93.2	76.3
LCS 160-706369/2-A	Lab Control Sample	90.4	83.4
LCS 160-709477/2-A	Lab Control Sample	78.5	79.3
MB 160-705650/1-A	Method Blank	88.5	77.0
MB 160-705865/1-A	Method Blank	84.6	74.0
MB 160-706369/1-A	Method Blank	93.2	84.5
MB 160-709477/1-A	Method Blank	78.7	84.5

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/27/25
Sample Name	MW-01	Start Time	0800	
Condition of Well	Gravel			
Water Level	Below Top of Pump	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	3 qt	W L at Sample Time	Below Top of Pump	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, EPA CCR, Fed. CCR	Sample Time	0823	
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)
0810	—	7.41	9.4	.691	11.29	94.8	9.80
0813	—	6.99	11.8	.680	9.20	117.2	8.80
0816	—	6.97	12.1	.680	7.84	120.8	9.05
0819	—	6.98	12.1	.681	7.23	123.4	8.59

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	4/26/25
Sample Name	Mw 02	Start Time	1011	
Condition of Well	Good			
Water Level	31.61	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	4 qt	W L at Sample Time	31.61	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, IFA CCR, Fed. CCR	Sample Time	1026	
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)
1013	31.61	7.65	10.8	.642	10.30	106.6	10.79
1016	-	7.39	11.7	.681	7.86	113.2	21.73
1019	-	7.26	11.8	.688	4.79	118.8	10.40
1022	-	7.20	11.8	.688	3.51	122.8	8.42

SAMPLING NOTES: CCR Duplicate 3

Sampler Name and Company:

KPRG and Associates



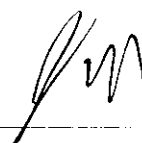
PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/25/25
Sample Name	MW-03	Start Time	1432	
Condition of Well	Good			
Water Level	32.10	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	4 qt	W L at Sample Time	32.10	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, Fed CCR, IEPA CR	Sample Time	1448	
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)
1435	32.10	7.38	14.0	.600	1.23	151.7	7.57
1438	—	7.22	14.1	.598	5.92	154.0	6.38
1441	—	7.16	14.1	.599	4.30	153.7	6.18
1444	—	7.14	14.2	.599	3.80	153.2	6.12

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates



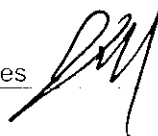
PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/25/25
Sample Name	MW-04	Start Time	1245	
Condition of Well	OKay - Protop Cap hinge rusted & broken when closing			
Water Level	30.96	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5cf	W L at Sample Time	30.96	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, Fe, CCR, TEPA CCR	Sample Time	1306	
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)
1250	30.96	7.02	14.7	739	7.27	174.9	28.85
1253	—	7.03	15.5	717	5.52	146.7	32.32
1256	—	7.02	15.5	717	4.91	146.7	7.55
1259	—	7.02	15.5	716	4.63	146.7	8.82
1302	—	7.02	15.5	716	4.33	146.3	6.26

SAMPLING NOTES: CCR Duplicate 2

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/25/25
Sample Name	MW-05	Start Time	1152	
Condition of Well	Okay			
Water Level	27.91	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	5 ft	W L at Sample Time	27.95	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, Fed GR, IEPA CCR	Sample Time	1208	
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)
1155	27.91	7.08	13.5	.852	6.82	139.4	7.17
1158	-	6.95	13.6	.963	3.91	143.2	8.59
1201	-	6.94	13.9	.947	2.84	143.0	7.07
1204	-	6.94	13.9	.942	2.21	142.3	6.34

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/26/25
Sample Name	MW-06	Start Time	1258	
Condition of Well	Gravel			
Water Level	MW 16.00	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Cloudy Gray	
Volume Removed	10 gal	W L at Sample Time	16.00	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, CCR IEPA Permit	Sample Time	1324	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1256	16.00	7.54	14.9	1.046	7.56	96.5	14.33
1259	-	7.57	15.0	.993	4.19	17.8	31.91
1302	-	7.60	14.4	.992	3.14	-71.0	15.25
1305	-	7.63	14.2	.991	2.34	-129.1	14.03
1308	-	7.64	13.9	.991	2.02	-144.6	13.24
1311	-						
1314	-	7.64	14.3	.992	1.66	-158.0	15.43
1317	-	7.65	14.0	.990	1.51	-164.1	11.68
1320	-	7.66	13.9	.990	1.41	-168.8	11.10

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/26/25
Sample Name	MW-07	Start Time	1147	
Condition of Well	Good			
Water Level	31.80	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Cloudy Gray	
Volume Removed	8qt	W L at Sample Time	31.82	
Method of Sample	Low-flow bladder	Sample Characteristics	Slightly Cloudy Gray	
Sample Analysis	CCA, CCR ^{IEPA} Permit	Sample Time	1209	
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)
1153	31.80	6.61	16.7	1.466	5.70	-25.8	40.44
1156	-	6.59	16.9	1.505	3.63	-82.8	18.91
1159	-	6.62	16.8	1.501	2.36	-103.9	35.38
1202	-	6.63	16.9	1.465	2.03	-108.1	49.01
1205		6.64	16.9	1.456	1.71	-113.5	53.01

SAMPLING NOTES:

CCA Duplicate

Sampler Name and Company:

KPRG and Associates

Pin

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/24/25
Sample Name	MW-10	Start Time	1208	
Condition of Well	Good			
Water Level	21.31	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Cloudy Brown	
Volume Removed	5gt	W L at Sample Time	21.31	
Method of Sample	Low-flow bladder	Sample Characteristics	Cloudy Brown/Gray	
Sample Analysis	Fed. CCR, CCA, FEPA CCR	Sample Time	1232	
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)
1219	21.31	6.36	13.0	.633	9.37	142.0	301.56
1222	—	6.65	13.6	.787	4.49	143.0	301.56 361.55
1225	—	6.77	13.6	.785	3.13	141.4	337.18
1228	—	6.83	13.6	.784	2.47	140.1	324.52

SAMPLING NOTES:

Water line was frozen

CCR Duplicate 1

Sampler Name and Company:

KPRG and Associates

[Signature]

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/26/25
Sample Name	MW-14	Start Time	0858	
Condition of Well	Good			
Water Level	29.12	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear 0858	
Volume Removed	3.5 gal	W L at Sample Time	Below Pump	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA	Sample Time	0913	
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)
0900	29.12	7.34	11.8	3.881	9.16	132.9	19.71
0903	-	7.08	13.9	3.886	6.88	137.9	12.16
0906	-	7.02	14.3	3.114	5.78	142.8	7.41
0909	-	7.02	14.2	3.140	5.37	145.5	6.43

SAMPLING NOTES: 2/28/25 return to well to finish samples (went dry on 2/26/25)
 Low flow Below top of pump
 Did not purge before samples

Sampler Name and
Company:

KPRG and Associates

[Signature]

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/25/25
Sample Name	MW-16	Start Time	1026	
Condition of Well	Okay			
Water Level	30.22	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	1qt	W L at Sample Time	30.15 30.22	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCA, IEPA CCR Permit	Sample Time	1043	
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)
1030	30.22	7.44	12.2	.663	9.95	113.3	12.04
1033	—	7.12	13.2	.654	8.90	103.2	10.22
1036	—	7.06	13.3	.653	8.63	107.4	9.52
1039	—	7.04	13.3	.652	8.49	110.6	7.63

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/27/25
Sample Name	Mw-18A	Start Time	0950	
Condition of Well	Good			
Water Level	30.70	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	2 qt	W L at Sample Time	32.72	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear / Slightly Gray Tint	
Sample Analysis	CCR IEPA Permit	Sample Time	1009	
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)
0953	30.70	7.81	11.7	1.482	9.72	75.2	74.18
0956	-	6.79	14.2	1.817	6.53	71.3	89.10
0959	-	6.74	14.6	1.862	4.18	-111.1	56.24
1002	-	6.75	14.6	1.860	2.86	-122.4	31.74
1005	-	6.75	14.7	1.849	2.46	-123.6	24.90

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/26/25
Sample Name	MW-21D	Start Time	0815	
Condition of Well	Good			
Water Level	34.46	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear/ Slightly Cloudy Gray	
Volume Removed	5 gal	W L at Sample Time	34.50	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCR IEPA Permit	Sample Time	0830	
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)
0817	34.46	7.72	13.5	.796	10.29	121.8 121.8	39.25
0820	-	7.36	15.1	.802	5.78	138.4	30.22
0823	-	7.38	15.3	.799	3.48	138.5	18.43
0826	-	7.38	15.3	.798	2.96	139.4	17.40
0829	✓	7.37	15.3	.797	2.45	141.2	14.96

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates



PROJECT NAME	NRG – POWERTON STATION (12313.1)		DATE	2/25/25
Sample Name	GLX MW-22	Start Time	0809	
Condition of Well	Good			
Water Level	22.14	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low-flow bladder	Purge Characteristics	Clear	
Volume Removed	2.2	W L at Sample Time	22.17	
Method of Sample	Low-flow bladder	Sample Characteristics	Clear	
Sample Analysis	CCR IEPA Permit	Sample Time	0828	
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)
0812	22.14	7.41	13.2	.760	9.63	106.6	107.4
0815	—	7.16	12.5	.768	7.86	120.4	68.01
0818	—	7.11	12.1	.768	7.14	125.8	53.67
0821	—	6.99	14.0	.716	5.12	130.4	17.48
0824	—	6.93	14.0	.718	3.57	133.2	11.89

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

