

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 4th quarter 2024 which includes the entire list of wells specified under Special Conditions #12 and #13 and parameters specified under Special Conditions #21 and #22. Tables 1 and 2 are summary tables of all available CCR monitoring data to date including any data generated previously as part of the Federal CCR Rule monitoring. The tables include the Groundwater Protection Standards (GWPSs) specified in Special Conditions #21 and #22 for the Silty Clay/Silt unit and the Sand and Gravel unit, respectively. In addition, Tables 3 and 4 provide a summary of turbidity data which was collected as part of State CCR Rule requirements which is a data parameter that was not required under the Federal CCR Rule. Summary tables are separated by the Silty Clay/Silt Unit and the Sand and Gravel Unit. It is noted that verification sampling of any constituents identified above the GWPSs has been completed and that data will be provided when it becomes available.

It is noted that the boring logs and construction summaries for the new wells specified in Special Condition #13 will be included with the Annual Report for the facility which is due January 31, 2025. This will also include the boring logs and construction summaries for the two fill piezometers, P-1 and P-2, and documentation of the staff gauge installation within Lost Creek in fulfillment of requirements under Special Condition #11. Water levels from the fill piezometers and the staff gauge as well as Illinois River water levels from the USGS Kingston Mine gauge will be included as part of groundwater flow maps which will be included with the Annual Report.

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

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved 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	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-16 up-gradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020
	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
MW-06 down-gradient	6/18/2024	0.39	94	140	0.49	7.64	220	820	< 0.0030	0.0021	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	0.010	< 0.722	< 0.0025	< 0.0020
	9/10/2024	0.40	96	130	0.48	7.64	270	880	< 0.0030	0.0032	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.011	1.94	< 0.0025	< 0.0020
	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
MW-14 down-gradient	4/8/2021	2.1	200	98	1.1	7.33	630	1600	< 0.003	0.0028	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.035	< 0.605	0.029	0.0022
	5/12/2021	2.6	210	100	1.1	7.13	640	1700	< 0.003	0.0047	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.034	< 0.43	0.0039	0.0028
	6/3/2021	2.1	200	26	1.0	6.79	590	1600	< 0.003	0.0025	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.028	< 0.357	0.094	0.0025
	6/28/2021	B 2.0	210	93	0.99	6.90	570	1700	^+ < 0.003	0.0014	0.034	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.03	0.758	0.034	0.0023
	7/20/2021	2.0	190	81	0.89	6.88	500	1700	< 0.003	0.0025	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.021	< 0.434	< 0.0025	< 0.002
	8/23/2021	2.1	210	91	0.96	6.91	560	1800	< 0.003	0.0022	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.031	0.515	0.01	0.0021
	10/1/2021	1.9	200	100	0.95	7.06	640	1700	< 0.003	0.0045	0.039	< 0.001	0.0005	< 0.005	< 0.001	0.00065	^1+ 0.034	< 0.0002	0.037	< 0.581	< 0.0025	0.002
	11/29/2021	2.0	180	94	1.10	7.01	^ 480	1400	< 0.003	0.0025	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.033	< 0.442	0.01	< 0.002
	2/9/2022	1.9	180	67	1.10	6.91	430	1500	< 0.003	0.013	0.046	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.03	0.724	< 0.0025	0.0022
	6/8/2022	2.2	220	87	0.96	7.12	810	2100	< 0.003	0.0041	0.057	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.038	< 0.429	0.013	0.0033
	8/31/2022	2.2	B 200	120	0.86	6.74	610	1800	< 0.003	0.004	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.024	0.743	< 0.0025	< 0.002
	11/17/2022	NS	NS	NS	NS	6.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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	< 0.00020	< 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
MW-18A down-gradient	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	1.2	< 0.0025	< 0.0020
MW-22 down-gradient	6/18/2024	0.98	130	110	0.40	6.95	220	940	< 0.0030	0.0037	0.14	< 0.0010	< 0.00050	< 0.0050	0.0027	< 0.00050	^1+ < 0.010	< 0.00020	0.028	0.718	0.0029	< 0.0020
	9/12/2024	2.9	120	40	0.36	6.77	120	660	< 0.0030	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

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

NA - Not Analyzed

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

B - Compound was found in the blank and sample

NSP- No Standard Provided

(CL) - Silty Clay Unit

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

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

NS - Not Sampled Due to Insufficient Water

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

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

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 226 + 228	Selenium	Thallium
	GWPS	4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002
MW-16 up-gradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020
	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
MW-01 down-gradient	11/16/2015	1.0	98	44	0.17	7.07	93	530	< 0.003	< 0.001	0.057	^ < 0.001	< 0.0005	< 0.005	< 0.001	* < 0.0005	< 0.01	< 0.0002	< 0.0050	0.744	< 0.0025	* < 0.002
	2/25/2016	0.2	110	42	0.16	7.23	54	460	< 0.003	0.0025	0.053	< 0.001	< 0.0005	< 0.005	0.0014	0.0019	< 0.01	< 0.0002	< 0.005	< 0.722	0.0029	< 0.002
	5/20/2016	0.34	100	44	0.17	6.95	65	430	< 0.003	0.0081	0.062	< 0.001	< 0.0005	0.007	0.0053	0.011	< 0.01	< 0.0002	< 0.005	< 0.953	< 0.0025	< 0.002
	8/17/2016	0.27	78	39	0.25	7.16	50	530	< 0.003	0.0014	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	0.0014	< 0.01	< 0.0002	0.0057	< 0.491	< 0.0025	< 0.002
	11/16/2016	0.18	97	39	0.21	7.22	32	500	< 0.003	0.0051	0.056	< 0.001	< 0.0005	< 0.005	0.0044	0.0082	< 0.01	< 0.0002	0.0059	< 0.618	< 0.0025	< 0.002
	2/14/2017	0.18	120	55	0.17	7.30	60	550	< 0.003	0.0041	0.056	< 0.001	< 0.0005	< 0.005	0.0045	0.0076	< 0.01	< 0.0002	0.0056	< 0.837	< 0.0025	< 0.002
	5/3/2017	0.19	86	66	0.16	7.41	45	460	< 0.003	0.0015	0.045	< 0.001	< 0.0005	< 0.005	0.0033	0.0067	< 0.01	< 0.0002	< 0.005	< 0.574	< 0.0025	< 0.002
	6/21/2017	0.18	85	58	0.18	7.60	47	540	< 0.003	< 0.001	0.040	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.418	< 0.0025	< 0.002
	8/25/2017	0.56	86	41	0.18	7.41	63	490	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0059	0.775	< 0.0025	< 0.002
	11/8/2017	0.57	130	38	0.12	6.69	61	640	< 0.003	< 0.001	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.343	< 0.0025	< 0.002
	5/17/2018	0.15	88	50	0.12	6.70	48	540	< 0.003	< 0.001	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	0.00068	< 0.01	< 0.0002	< 0.005	< 0.396	< 0.0025	< 0.002
	8/8/2018	0.14	86	48	0.13	6.80	43	430	< 0.003	< 0.001	0.051	^ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.579	< 0.0025	< 0.002
	4/30/2019	0.07	78	54	0.17	7.20	27	450	< 0.003	0.0014	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	0.0017	< 0.01	< 0.0002	< 0.005	< 0.656	< 0.0025	< 0.002
	8/26/2019	0.57	100	39	0.13	7.15	71	550	< 0.003	< 0.001	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.802	< 0.0025	< 0.002
	2/24/2020	0.28	87	53	0.21	7.19	34	410	< 0.003	< 0.001	0.044	^ < 0.001	< 0.0005	< 0.005	< 0.001	0.00057	< 0.01	< 0.0002	< 0.005	< 0.478	< 0.0025	< 0.002
	4/28/2020	0.33	110	46	0.19	7.17	41	470	NA	< 0.001	0.051	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.628	< 0.0025	< 0.002
	12/7/2020	0.59	100	54	0.25	7.22	55	640	NA	< 0.001	0.058	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0052	< 0.542	< 0.0025	< 0.002
	5/11/2021	0.21	85	51	0.21	7.52	37	450	< 0.003	< 0.001	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.01	0.521	< 0.0025	< 0.002
	8/24/2021	0.27	99	40	0.18	7.19	56	430	< 0.003	< 0.001	0.061	< 0.001	< 0.0005	< 0.005	< 0.001	0.00088	< 0.01	< 0.0002	0.007	< 0.463	< 0.0025	< 0.002
	11/30/2021	0.35	84	41	0.19	7.14	^ 28	410	< 0.003	< 0.001	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.005	< 0.0002	0.0072	< 0.434	0.0026	< 0.002
	2/9/2022	0.18	96	47	0.17	7.33	48	520	< 0.003	0.0017	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	0.0012	0.003	< 0.0002	0.0074	< 0.527	< 0.0025	< 0.002
	6/7/2022	0.21	81	51	0.14	7.62	27	430	< 0.003	< 0.001	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0057	0.531	< 0.0025	< 0.002
	8/30/2022	0.59	92	44	0.15	7.10	66	810	< 0.003	< 0.001	0.073	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	< 0.441	< 0.0025	< 0.002
	11/15/2022	0.74	110	47	0.1	7.15	45	530	< 0.003	< 0.001	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.659	< 0.0025	< 0.002
	2/22/2023	0.46	110	52	0.14	7.51	92	500	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.503	< 0.0025	< 0.0020
	5/17/2023	0.29	91	39	< 0.10	7.23	39	400	< 0.0030	< 0.0010	0.055	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.357	< 0.0025	< 0.0020
	8/29/2023	0.59	100	47	< 0.10	6.98	43	530	< 0.0020	< 0.0010	0.078	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0020	< 0.574	< 0.005	< 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
MW-04 down-gradient	GWPS	4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002
	6/20/2017	0.5	77	55	0.29	7.45	53	480	< 0.003	< 0.001	0.0025	< 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	< 0.684	< 0.0025	< 0.002
	8/26/2019	0.64	91	60	0.24	7.08	14	490	< 0.003	< 0.001	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.008	1.090	< 0.0025	< 0.002
	2/24/2020	0.34	81	49	0.20	7.05	67	440	< 0.003	< 0.001	0.024	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.595	< 0.0025	< 0.002
	4/28/2020	0.55	76	52	0.27	7.03	47	380	NA	< 0.001	0.025	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	< 0.005	< 0.465	< 0.0025	NA
	12/9/2020	0.57	92	88	0.32	7.10	94	580	NA	< 0.001	0.034	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0076	< 0.411	< 0.0025	NA
	5/11/2021	0.61	77	44	0.33	7.22	76	410	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.533	< 0.0025	< 0.002
	8/24/2021	0.72	78	48	0.34	7.12	15	100	< 0.003	< 0.001	0.024	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.014	< 0.427	< 0.0025	< 0.002
	11/30/2021	0.51	99	56	0.25	6.95	62	560	< 0.003	0.0012	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0035	< 0.0002	< 0.005	< 0.419	< 0.0025	< 0.002
	2/8/2022	0.47	88	59	0.29	7.15	52	580	< 0.003	< 0.001	0.03	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0038	< 0.0002	0.006	0.818	< 0.0025	< 0.002
	6/7/2022	0.48	73	43	0.3	7.31	30	320	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0051	< 0.473	< 0.0025	< 0.002
	8/30/2022	0.67	94	61	0.21	6.80	67	720	< 0.003	< 0.001	0.034	<^+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	<^+ 0.001	< 0.0002	< 0.005	< 0.546	< 0.0025	< 0.002
	11/14/2022	0.84	110	62	0.2	6.85	41	570	< 0.003	< 0.001	0.08	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.583	0.0074	< 0.002
	2/21/2023	0.75	89	54	0.22	7.58	54	540	< 0.0030	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.567	0.0037	< 0.0020
	5/16/2023	0.66	100	51	0.270	7.21	120	550	< 0.0030	< 0.0010	0.034	<^+ ^1+ 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.624	< 0.0025	< 0.0020
	8/28/2023	0.78	95	72	0.24	7.02	110	610	< 0.0020	< 0.0020	0.062	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	< 0.010	< 0.00020	< 0.0020	< 0.669	< 0.005	< 0.0010
	11/7/2023	0.78	100	59	0.21	7.01	150	620	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	<^+ 0.0010	< 0.00020	< 0.0050	0.679	0.0070	< 0.0020
	2/22/2024	0.61	96	60	0.23	7.29	63	520	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.479	0.0042	< 0.0020
	6/19/2024	1.3	120	57	0.30	6.77	150	670	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	<^1+ 0.0010	< 0.00020	< 0.0050	< 0.725	< 0.0025	< 0.0020
	9/10/2024	1.6	100	62	0.18	6.96	110	590	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.712	< 0.0025	< 0.0020
11/19/2024	1.8	120	68	0.18	6.93	120	640	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0012	< 0.010	< 0.00020	< 0.0050	< 0.375	0.0025	< 0.0020	
MW-05 down-gradient	5/17/2016	0.70	100	85	0.35	7.08	120	660	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.373	< 0.0025	< 0.002
	8/16/2016	0.69	110	97	0.30	6.85	150	830	< 0.003	< 0.001	0.060	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.452	< 0.0025	< 0.002
	11/15/2016	0.93	94	66	0.23	6.96	77	620	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.449	< 0.0025	< 0.002
	2/14/2017	0.79	100	100	0.25	7.25	170	760	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	0.00091	< 0.01	< 0.0002	< 0.005	< 0.359	< 0.0025	< 0.002
	5/1/2017	0.70	100	92	0.28	7.60	170	710	< 0.003	< 0.001	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0066	< 0.439	< 0.0025	< 0.002
	6/20/2017	0.64	89	63	0.28	7.32	78	550	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.365	< 0.0025	< 0.002
	8/28/2017	0.62	110	120	0.33	7.05	210	870	< 0.003	< 0.001	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0085	0.381	< 0.0025	< 0.002
	11/7/2017	0.51	99	110	0.31	6.87	160	990	< 0.003	< 0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002
	5/15/2018	0.61	130	89	0.29	7.70	210	910	< 0.003	< 0.001	0.062	< 0.001										

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	6.5-9.0	400	1200	0.0060	0.01	2	0.0040	0.00500	0.1000	0.0060	0.0075	0.040	0.00200	0.1000	5.00	0.0500	0.0020
MW-10 upgradient	6/22/2017	0.46	100	48	0.19	6.81	54	1.0	< 0.003	0.0023	0.250	< 0.001	< 0.0005	< 0.005	0.008	0.003	< 0.01	< 0.0002	< 0.005	0.408	0.0042	< 0.002
	8/24/2017	0.32	93	51	0.18	7.14	57	480	< 0.003	0.0020	0.220	< 0.001	< 0.0005	< 0.005	0.007	0.003	< 0.01	< 0.0002	< 0.005	0.564	0.0044	< 0.002
	11/9/2017	0.36	98	48	0.18	6.78	64	500	< 0.003	< 0.0010	0.220	< 0.001	< 0.0005	< 0.005	0.004	< 0.001	< 0.01	< 0.0002	< 0.005	1.020	0.0034	< 0.002
	5/16/2018	0.42	93	44	0.19	7.64	80	530	< 0.003	0.0010	0.220	< 0.001	< 0.0005	< 0.005	0.021	0.001	< 0.01	< 0.0002	< 0.005	1.550	0.0050	< 0.002
	8/8/2018	0.39	99	58	0.19	7.10	60	550	< 0.003	0.0012	0.220	<^ 0.001	< 0.0005	< 0.005	0.014	0.001	< 0.01	< 0.0002	< 0.005	< 0.551	0.0062	< 0.002
	10/30/2018	0.34	110	49	0.22	7.65	49	510	< 0.003	0.0110	0.410	< 0.001	0.0008	0.024	0.047	0.023	< 0.0002	< 0.005	< 0.0002	3.00	0.0046	< 0.002
	2/26/2019	0.39	150	48	0.21	6.77	36	540	< 0.003	0.0220	0.590	< 0.005	0.0015	0.063	0.081	0.036	0.03	< 0.0002	0.007	4.130	0.0041	< 0.002
	5/1/2019	0.35	92	50	0.22	6.81	30	470	< 0.003	0.0023	0.270	< 0.001	< 0.0005	< 0.005	0.011	0.0028	< 0.01	< 0.0002	< 0.005	1.330	0.0037	< 0.002
	8/26/2019	0.30	84	48	0.19	7.09	30	410	< 0.003	0.0017	0.190	< 0.001	< 0.001	< 0.005	0.007	0.0016	< 0.01	< 0.0002	< 0.005	1.540	0.0050	< 0.002
	2/25/2020	1.40	110	45	0.23	6.82	59	500	< 0.003	0.0033	0.280	^< 0.001	< 0.0005	0.0086	0.011	0.0046	< 0.01	< 0.0002	< 0.005	1.07	0.0058	< 0.002
	4/28/2020	1.00	110	41	0.24	6.80	64	550	NA	0.0022	0.250	NA	NA	< 0.005	0.0065	0.0017	NA	NA	< 0.005	0.639	0.0054	NA
	12/8/2020	2.40	120	44	0.26	7.11	71	550	NA	0.0015	0.280	NA	NA	< 0.005	0.0089	0.0023	NA	< 0.0002	< 0.005	1.76	0.0031	NA
	5/11/2021	0.64	100	52	0.24	7.01	59	540	< 0.003	0.0011	0.260	< 0.001	< 0.0005	< 0.005	0.008	0.00085	< 0.01	< 0.0002	< 0.005	1.42	0.0049	< 0.002
	8/24/2021	0.42	98	53	0.21	6.87	46	420	< 0.003	0.0017	0.24	< 0.001	< 0.0005	< 0.005	0.0082	0.002	< 0.01	< 0.0002	< 0.005	0.638	0.0051	< 0.002
	11/30/2021	0.42	100	47	0.19	6.99	^ 36	530	< 0.003	0.0015	0.2	< 0.001	< 0.0005	< 0.005	0.0037	0.00051	0.0031	< 0.0002	< 0.005	1.39	< 0.0025	< 0.002
	2/9/2022	0.41	94	48	0.22	6.88	50	530	< 0.003	0.011	0.6	< 0.001	0.00064	0.026	0.054	0.021	0.011	< 0.0002	< 0.005	6.51	0.0045	< 0.002
	3/29/22 R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.811	NS	NS
	6/7/2022	0.43	85	44	0.21	7.09	38	390	< 0.003	0.0011	0.18	< 0.001	< 0.0005	< 0.005	0.0028	< 0.0005	< 0.01	< 0.0002	< 0.005	0.687	0.0049	< 0.002
	8/30/2022	0.38	92	45	0.22	6.83	38	590	< 0.003	0.0012	0.24	^+< 0.001	< 0.0005	< 0.005	0.0086	0.00074	^+ < 0.01	< 0.0002	< 0.005	1.4	< 0.0025	< 0.002
	11/15/2022	0.44	99	49	0.28	7.03	48	470	< 0.003	< 0.001	0.2	< 0.001	< 0.0005	< 0.005	0.0052	< 0.0005	< 0.01	< 0.0002	< 0.005	0.909	< 0.0025	< 0.002
	2/22/2023	1.3	100	40	0.22	7.57	66	510	< 0.0030	0.0010	0.22	< 0.0010	< 0.00050	< 0.0050	0.0039	0.00057	< 0.010	< 0.00020	< 0.0050	0.753	0.0040	< 0.0020
	5/17/2023	1.8	130	34	0.25	7.07	84	610	< 0.0030	0.0017	0.32	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	0.012	0.0018	< 0.010	< 0.00020	< 0.0050	2.52	0.0047	< 0.0020
	8/29/2023	1.3	96	56	0.29	7.00	50	510	< 0.0020	< 0.002	0.2	< 0.0010	< 0.00020	< 0.0050	0.0042	0.00083	< 0.010	< 0.00020	< 0.0020	< 0.667	< 0.005	< 0.0010
	11/7/2023	2.4	110	42	0.31	7.11	150	630	< 0.0030	0.0015	0.25	< 0.0010	< 0.00050	< 0.0050	0.0081	0.0019	^+ < 0.010	< 0.00020	< 0.0050	1.91	0.0043	< 0.0020
	2/21/2024	6.5	110	37	0.26	7.21	150	660	< 0.0030	0.0014	0.27	< 0.0010	< 0.00050	< 0.0050	0.0045	0.0017	< 0.010	< 0.00020	< 0.0050	< 0.664	0.0062	< 0.0020
	6/19/2024	5.8	130	35	0.28	6.95	150	710	< 0.0030	0.0012	0.25	< 0.0010	< 0.00050	< 0.0050	0.0071	0.0014	^1+ < 0.010	< 0.00020	< 0.0050	1.34	0.0066	< 0.0020
	9/11/2024	2.9	110	53	0.29	6.94	72	590	< 0.0030	0.0011	0.23	< 0.0010	< 0.00050	< 0.0050	0.0067	0.00084	< 0.010	< 0.00020	< 0.0050	1.33	0.0047	< 0.0020
	11/21/2024	0.87	22	62	0.30	7.16	39	510	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	DNYA	< 0.0025	< 0.0020
MW-21D downgradient	6/17/2024	2.0	81	73	0.41	7.09	140	570	< 0.0030	0.0033	0.46	< 0.0010	< 0.00050	0.0076	0.0047	0.0036	^1+ < 0.010	< 0.00020	0.021	1.28	0.0031	< 0.0020
	9/10/2024	0.71	69	110	0.58	7.46	100	630	< 0.0030	0.0011	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00050	< 0.010	< 0.00020	0.041	< 0.607	< 0.0025	< 0.0020
	11/18/2024	0.80	75	110	0.48	7.39	100	630	< 0.0030	0.0023	0.26	< 0.0010	< 0.00050	< 0.0050	0.0028	0.0023	< 0.010	< 0.00020	0.025	0.958	< 0.0025	< 0.0020

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

NA - Not Analyzed

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

B - Compound was found in the blank and sample

NSP - No Standard Provided

(CL) - Silty Clay Unit

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

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

NS - Not Sampled Due to Insufficient Water

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

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

DNYA - Data Not Yet Available

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
MW-06	6/18/2024	11.22
	9/10/2024	12.45
	11/19/2024	8.99
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
	11/18/2024	16.95
MW-18A	9/12/2024	85.61
	11/19/2024	34.77
MW-22	6/20/2024	12.39
	9/12/2024	18.30
	11/20/2024	5.85

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
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
MW-02	2/21/2024	17.88
	6/19/2024	10.24
	9/11/2024	8.24
	11/21/2024	3.44
	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
MW-03	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
	2/22/2021	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
MW-04	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
	2/22/2021	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
MW-04	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

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
MW-07	6/19/2024	7.56
	9/10/2024	8.7
	11/19/2024	3.18
MW-10	6/18/2024	40.69
	9/10/2024	17.49
	11/20/2024	25.87
	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
MW-21D	6/19/2024	22.65
	9/11/2024	31.08
	11/21/2024	18.30
	6/17/2024	162.37
	9/10/2024	22.92
	11/18/2024	72.04

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2024 12:27:46 PM

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-260461-1

Eurofins Chicago

Job Notes

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

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

Authorization



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Case Narrative

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

Job ID: 500-260461-1

Job ID: 500-260461-1

Eurofins Chicago

Job Narrative 500-260461-1

Receipt

The samples were received on 11/20/24 10:00. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were -2.0° C, -1.9° C, -1.8° C, -1.6° C, -0.7° C, -0.2° C, -0.2° C, 2.7° C and 5.5° 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-14 (500-260461-1). The samples were adjusted to the appropriate pH in the laboratory.

Affected containers:

E-1
G-1

Received sample 19 not on COC. Added to COC and logged in.

Metals

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

General Chemistry

Method 300.0: The matrix spike duplicate (MSD) recoveries for analytical batch 500-799158 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Chicago

Method Summary

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

Job ID: 500-260461-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-260461-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-260461-1	MW-14	Water	11/18/24 13:45	11/20/24 10:00
500-260461-2	MW-15	Water	11/18/24 15:28	11/20/24 10:00
500-260461-3	MW-21D	Water	11/18/24 12:35	11/20/24 10:00
500-260461-4	Duplicate	Water	11/19/24 00:00	11/20/24 10:00
500-260461-5	MW-02	Water	11/19/24 11:02	11/20/24 10:00
500-260461-6	MW-03	Water	11/19/24 12:06	11/20/24 10:00
500-260461-7	MW-04	Water	11/19/24 13:55	11/20/24 10:00
500-260461-8	MW-05	Water	11/19/24 15:02	11/20/24 10:00
500-260461-9	MW-06	Water	11/19/24 16:09	11/20/24 10:00
500-260461-10	MW-18	Water	11/19/24 10:03	11/20/24 10:00
500-260461-11	MW-18A	Water	11/19/24 08:44	11/20/24 10:00
500-260461-12	MW-12R	Water	11/20/24 12:51	11/21/24 09:50
500-260461-13	MW-07	Water	11/20/24 09:08	11/21/24 09:50
500-260461-14	MW-09	Water	11/20/24 11:34	11/21/24 09:50
500-260461-15	MW-11	Water	11/20/24 14:07	11/21/24 09:50
500-260461-16	MW-16	Water	11/20/24 10:14	11/21/24 09:50
500-260461-17	MW-22	Water	11/20/24 15:28	11/21/24 09:50
500-260461-18	MW-19	Water	11/20/24 16:18	11/21/24 09:50
500-260461-19	Duplicate 2	Water	11/20/24 00:00	11/21/24 09:50
500-260461-20	MW-13	Water	11/21/24 09:27	11/22/24 09:35
500-260461-21	MW-17	Water	11/21/24 10:42	11/22/24 09:35
500-260461-22	MW-08	Water	11/21/24 12:09	11/22/24 09:35
500-260461-23	MW-01	Water	11/21/24 13:30	11/22/24 09:35
500-260461-24	MW-10	Water	11/21/24 15:14	11/22/24 09:35
500-260461-25	Duplicate 3	Water	11/21/24 00:00	11/22/24 09:35

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-14

Lab Sample ID: 500-260461-1

Date Collected: 11/18/24 13:45

Matrix: Water

Date Received: 11/20/24 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		12/05/24 09:13	12/06/24 19:13	1
Arsenic	0.0019		0.0010		mg/L		12/05/24 09:13	12/06/24 19:13	1
Barium	0.056		0.0025		mg/L		12/05/24 09:13	12/06/24 19:13	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 19:13	1
Boron	2.7		0.050		mg/L		12/05/24 09:13	12/09/24 13:51	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 19:13	1
Calcium	250		0.20		mg/L		12/05/24 09:13	12/06/24 19:13	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 09:13	12/06/24 19:13	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 19:13	1
Lead	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 19:13	1
Lithium	0.020		0.010		mg/L		12/05/24 09:13	12/06/24 19:13	1
Molybdenum	0.11		0.0050		mg/L		12/05/24 09:13	12/06/24 19:13	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 09:13	12/06/24 19:13	1
Thallium	0.0026		0.0020		mg/L		12/05/24 09:13	12/06/24 19:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		20		mg/L			12/12/24 17:18	20
Sulfate (EPA 300.0)	1700		100		mg/L			12/10/24 23:14	100
Total Dissolved Solids (SM 2540C)	3800		17		mg/L			11/22/24 09:12	1
Fluoride (SM 4500 F C)	1.3		0.10		mg/L			11/27/24 16:29	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-15

Lab Sample ID: 500-260461-2

Date Collected: 11/18/24 15:28

Matrix: Water

Date Received: 11/20/24 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		12/05/24 09:13	12/06/24 19:08	1
Arsenic	0.0065		0.0010		mg/L		12/05/24 09:13	12/06/24 19:08	1
Barium	0.049		0.0025		mg/L		12/05/24 09:13	12/06/24 19:08	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 19:08	1
Boron	1.2		0.050		mg/L		12/05/24 09:13	12/09/24 13:43	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 19:08	1
Calcium	180		0.20		mg/L		12/05/24 09:13	12/06/24 19:08	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 09:13	12/06/24 19:08	1
Cobalt	0.0017		0.0010		mg/L		12/05/24 09:13	12/06/24 19:08	1
Lead	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 19:08	1
Lithium	0.022		0.010		mg/L		12/05/24 09:13	12/06/24 19:08	1
Molybdenum	0.12		0.0050		mg/L		12/05/24 09:13	12/06/24 19:08	1
Selenium	0.0074		0.0025		mg/L		12/05/24 09:13	12/06/24 19:08	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 09:13	12/06/24 19:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 07:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	210		20		mg/L			12/11/24 00:01	20
Sulfate (EPA 300.0)	350		20		mg/L			12/11/24 00:01	20
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			11/22/24 09:15	1
Fluoride (SM 4500 F C)	0.42		0.10		mg/L			11/27/24 16:33	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-21D

Lab Sample ID: 500-260461-3

Date Collected: 11/18/24 12:35

Matrix: Water

Date Received: 11/20/24 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		12/05/24 09:13	12/06/24 19:10	1
Arsenic	0.0023		0.0010		mg/L		12/05/24 09:13	12/06/24 19:10	1
Barium	0.26		0.0025		mg/L		12/05/24 09:13	12/06/24 19:10	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 19:10	1
Boron	0.80		0.050		mg/L		12/05/24 09:13	12/09/24 13:47	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 19:10	1
Calcium	75		0.20		mg/L		12/05/24 09:13	12/06/24 19:10	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 09:13	12/06/24 19:10	1
Cobalt	0.0028		0.0010		mg/L		12/05/24 09:13	12/06/24 19:10	1
Lead	0.0023		0.00050		mg/L		12/05/24 09:13	12/06/24 19:10	1
Lithium	<0.010		0.010		mg/L		12/05/24 09:13	12/06/24 19:10	1
Molybdenum	0.025		0.0050		mg/L		12/05/24 09:13	12/06/24 19:10	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 09:13	12/06/24 19:10	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 09:13	12/06/24 19:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 07:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		10		mg/L			12/11/24 00:16	10
Sulfate (EPA 300.0)	100		10		mg/L			12/11/24 00:16	10
Total Dissolved Solids (SM 2540C)	630		10		mg/L			11/22/24 09:18	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			11/27/24 16:38	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: Duplicate

Lab Sample ID: 500-260461-4

Date Collected: 11/19/24 00:00

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:07	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:07	1
Barium	0.11		0.0025		mg/L		12/05/24 22:15	12/06/24 13:07	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:07	1
Boron	0.66		0.050		mg/L		12/05/24 22:15	12/06/24 13:07	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:07	1
Calcium	84		0.20		mg/L		12/05/24 22:15	12/06/24 13:07	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:07	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:07	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:07	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:07	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:07	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:07	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	59		5.0		mg/L			12/11/24 00:32	5
Sulfate (EPA 300.0)	47		5.0		mg/L			12/11/24 00:32	5
Total Dissolved Solids (SM 2540C)	510		10		mg/L			11/25/24 05:34	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			11/27/24 16:44	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-02

Lab Sample ID: 500-260461-5

Date Collected: 11/19/24 11:02

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:10	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:10	1
Barium	0.079		0.0025		mg/L		12/05/24 22:15	12/06/24 13:10	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:10	1
Boron	1.8		0.050		mg/L		12/05/24 22:15	12/06/24 13:10	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:10	1
Calcium	87		0.20		mg/L		12/05/24 22:15	12/06/24 13:10	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:10	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:10	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:10	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:10	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:10	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:10	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	60		5.0		mg/L			12/11/24 00:48	5
Sulfate (EPA 300.0)	49		5.0		mg/L			12/11/24 00:48	5
Total Dissolved Solids (SM 2540C)	510		10		mg/L			11/25/24 05:36	1
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			11/27/24 16:48	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-03

Lab Sample ID: 500-260461-6

Date Collected: 11/19/24 12:06

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:12	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:12	1
Barium	0.12		0.0025		mg/L		12/05/24 22:15	12/06/24 13:12	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:12	1
Boron	0.67		0.050		mg/L		12/05/24 22:15	12/06/24 13:12	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:12	1
Calcium	84		0.20		mg/L		12/05/24 22:15	12/06/24 13:12	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:12	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:12	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:12	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:12	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:12	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:12	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	58		5.0		mg/L			12/11/24 01:03	5
Sulfate (EPA 300.0)	48		5.0		mg/L			12/11/24 01:03	5
Total Dissolved Solids (SM 2540C)	510		10		mg/L			11/25/24 05:39	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			11/27/24 16:53	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-04

Lab Sample ID: 500-260461-7

Date Collected: 11/19/24 13:55

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:14	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:14	1
Barium	0.070		0.0025		mg/L		12/05/24 22:15	12/06/24 13:14	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:14	1
Boron	1.8		0.050		mg/L		12/05/24 22:15	12/06/24 13:14	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:14	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 13:14	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:14	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:14	1
Lead	0.0012		0.00050		mg/L		12/05/24 22:15	12/06/24 13:14	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:14	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:14	1
Selenium	0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:14	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	68		5.0		mg/L			12/11/24 01:50	5
Sulfate (EPA 300.0)	120		5.0		mg/L			12/11/24 01:50	5
Total Dissolved Solids (SM 2540C)	640		10		mg/L			11/25/24 05:42	1
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			12/02/24 15:39	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-05

Lab Sample ID: 500-260461-8

Date Collected: 11/19/24 15:02

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:17	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:17	1
Barium	0.044		0.0025		mg/L		12/05/24 22:15	12/06/24 13:17	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:17	1
Boron	1.8		0.050		mg/L		12/05/24 22:15	12/06/24 13:17	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:17	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 13:17	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:17	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:17	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:17	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:17	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:17	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:17	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	74		10		mg/L			12/11/24 02:06	10
Sulfate (EPA 300.0)	120		10		mg/L			12/11/24 02:06	10
Total Dissolved Solids (SM 2540C)	730		10		mg/L			11/25/24 05:44	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			12/02/24 15:44	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-06

Lab Sample ID: 500-260461-9

Date Collected: 11/19/24 16:09

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:19	1
Arsenic	0.0028		0.0010		mg/L		12/05/24 22:15	12/06/24 13:19	1
Barium	0.071		0.0025		mg/L		12/05/24 22:15	12/06/24 13:19	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:19	1
Boron	0.27		0.050		mg/L		12/05/24 22:15	12/06/24 13:19	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:19	1
Calcium	96		0.20		mg/L		12/05/24 22:15	12/06/24 13:19	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:19	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:19	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:19	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:19	1
Molybdenum	0.011		0.0050		mg/L		12/05/24 22:15	12/06/24 13:19	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:19	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			12/11/24 02:21	10
Sulfate (EPA 300.0)	290		10		mg/L			12/11/24 02:21	10
Total Dissolved Solids (SM 2540C)	950		10		mg/L			11/25/24 05:47	1
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			12/02/24 15:48	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-18

Lab Sample ID: 500-260461-10

Date Collected: 11/19/24 10:03

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:26	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:26	1
Barium	0.13		0.0025		mg/L		12/05/24 22:15	12/06/24 13:26	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:26	1
Boron	0.59		0.050		mg/L		12/05/24 22:15	12/06/24 13:26	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:26	1
Calcium	130		0.20		mg/L		12/05/24 22:15	12/06/24 13:26	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:26	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:26	1
Lead	0.0017		0.00050		mg/L		12/05/24 22:15	12/06/24 13:26	1
Lithium	0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:26	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:26	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:26	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	170		5.0		mg/L			12/11/24 02:37	5
Sulfate (EPA 300.0)	73		5.0		mg/L			12/11/24 02:37	5
Total Dissolved Solids (SM 2540C)	990		10		mg/L			11/25/24 05:49	1
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			12/02/24 16:06	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-18A

Lab Sample ID: 500-260461-11

Date Collected: 11/19/24 08:44

Matrix: Water

Date Received: 11/20/24 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		12/05/24 22:15	12/06/24 13:29	1
Arsenic	0.0087		0.0010		mg/L		12/05/24 22:15	12/06/24 13:29	1
Barium	0.34		0.0025		mg/L		12/05/24 22:15	12/06/24 13:29	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:29	1
Boron	0.33		0.050		mg/L		12/05/24 22:15	12/06/24 13:29	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:29	1
Calcium	290		0.20		mg/L		12/05/24 22:15	12/06/24 13:29	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:29	1
Cobalt	0.0065		0.0010		mg/L		12/05/24 22:15	12/06/24 13:29	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:29	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:29	1
Molybdenum	0.0086		0.0050		mg/L		12/05/24 22:15	12/06/24 13:29	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:29	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		10		mg/L			12/11/24 02:52	10
Sulfate (EPA 300.0)	140		10		mg/L			12/11/24 02:52	10
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			11/25/24 05:52	1
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			12/02/24 16:10	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-12R

Lab Sample ID: 500-260461-12

Date Collected: 11/20/24 12:51

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:31	1
Arsenic	0.046		0.0010		mg/L		12/05/24 22:15	12/06/24 13:31	1
Barium	0.098		0.0025		mg/L		12/05/24 22:15	12/06/24 13:31	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:31	1
Boron	0.52		0.050		mg/L		12/05/24 22:15	12/06/24 13:31	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:31	1
Calcium	99		0.20		mg/L		12/05/24 22:15	12/06/24 13:31	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:31	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:31	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:31	1
Lithium	0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:31	1
Molybdenum	0.017		0.0050		mg/L		12/05/24 22:15	12/06/24 13:31	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:31	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			12/11/24 03:08	10
Sulfate (EPA 300.0)	230		10		mg/L			12/11/24 03:08	10
Total Dissolved Solids (SM 2540C)	850		10		mg/L			11/25/24 06:13	1
Fluoride (SM 4500 F C)	0.38		0.10		mg/L			12/02/24 16:17	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-07

Lab Sample ID: 500-260461-13

Date Collected: 11/20/24 09:08

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:33	1
Arsenic	0.10		0.0010		mg/L		12/05/24 22:15	12/06/24 13:33	1
Barium	0.48		0.0025		mg/L		12/05/24 22:15	12/06/24 13:33	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:33	1
Boron	0.51		0.050		mg/L		12/05/24 22:15	12/06/24 13:33	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:33	1
Calcium	230		0.20		mg/L		12/05/24 22:15	12/06/24 13:33	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:33	1
Cobalt	0.0070		0.0010		mg/L		12/05/24 22:15	12/06/24 13:33	1
Lead	0.0015		0.00050		mg/L		12/05/24 22:15	12/06/24 13:33	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:33	1
Molybdenum	0.0065		0.0050		mg/L		12/05/24 22:15	12/06/24 13:33	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:33	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			12/12/24 18:39	10
Sulfate (EPA 300.0)	45		1.0		mg/L			12/11/24 03:23	1
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			11/25/24 06:20	1
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			12/02/24 16:23	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-09

Lab Sample ID: 500-260461-14

Date Collected: 11/20/24 11:34

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:36	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:36	1
Barium	0.041		0.0025		mg/L		12/05/24 22:15	12/06/24 13:36	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:36	1
Boron	2.2		0.050		mg/L		12/05/24 22:15	12/06/24 13:36	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:36	1
Calcium	82		0.20		mg/L		12/05/24 22:15	12/06/24 13:36	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:36	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:36	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:36	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:36	1
Molybdenum	0.018		0.0050		mg/L		12/05/24 22:15	12/06/24 13:36	1
Selenium	0.0083		0.0025		mg/L		12/05/24 22:15	12/06/24 13:36	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	20		10		mg/L			12/11/24 03:39	10
Sulfate (EPA 300.0)	95		10		mg/L			12/11/24 03:39	10
Total Dissolved Solids (SM 2540C)	520		10		mg/L			11/25/24 06:26	1
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			12/02/24 16:40	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-11

Lab Sample ID: 500-260461-15

Date Collected: 11/20/24 14:07

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:38	1
Arsenic	0.014		0.0010		mg/L		12/05/24 22:15	12/06/24 13:38	1
Barium	0.20		0.0025		mg/L		12/05/24 22:15	12/06/24 13:38	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:38	1
Boron	1.4		0.050		mg/L		12/05/24 22:15	12/06/24 13:38	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:38	1
Calcium	100		0.20		mg/L		12/05/24 22:15	12/06/24 13:38	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:38	1
Cobalt	0.0017		0.0010		mg/L		12/05/24 22:15	12/06/24 13:38	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:38	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:38	1
Molybdenum	0.012		0.0050		mg/L		12/05/24 22:15	12/06/24 13:38	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:38	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	56		10		mg/L			12/11/24 03:55	10
Sulfate (EPA 300.0)	77		10		mg/L			12/11/24 03:55	10
Total Dissolved Solids (SM 2540C)	720		10		mg/L			11/25/24 06:28	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			12/03/24 14:40	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-16

Lab Sample ID: 500-260461-16

Date Collected: 11/20/24 10:14

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:40	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:40	1
Barium	0.048		0.0025		mg/L		12/05/24 22:15	12/06/24 13:40	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:40	1
Boron	0.16		0.050		mg/L		12/05/24 22:15	12/06/24 13:40	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:40	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 13:40	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:40	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:40	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:40	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:40	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:40	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 13:40	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	28		1.0		mg/L			12/11/24 04:10	1
Sulfate (EPA 300.0)	25		1.0		mg/L			12/11/24 04:10	1
Total Dissolved Solids (SM 2540C)	610		10		mg/L			11/25/24 06:31	1
Fluoride (SM 4500 F C)	<0.10		0.10		mg/L			12/03/24 14:56	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-22

Lab Sample ID: 500-260461-17

Date Collected: 11/20/24 15:28

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 13:43	1
Arsenic	0.0028		0.0010		mg/L		12/05/24 22:15	12/06/24 13:43	1
Barium	0.10		0.0025		mg/L		12/05/24 22:15	12/06/24 13:43	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 13:43	1
Boron	2.7		0.050		mg/L		12/05/24 22:15	12/06/24 13:43	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:43	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 13:43	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 13:43	1
Cobalt	0.0025		0.0010		mg/L		12/05/24 22:15	12/06/24 13:43	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 13:43	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 13:43	1
Molybdenum	0.034		0.0050		mg/L		12/05/24 22:15	12/06/24 13:43	1
Selenium	0.023		0.0025		mg/L		12/05/24 22:15	12/06/24 13:43	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 13:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	40		10		mg/L			12/11/24 04:57	10
Sulfate (EPA 300.0)	120		10		mg/L			12/11/24 04:57	10
Total Dissolved Solids (SM 2540C)	710		10		mg/L			11/25/24 06:33	1
Fluoride (SM 4500 F C)	0.35		0.10		mg/L			12/03/24 15:01	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-19

Lab Sample ID: 500-260461-18

Date Collected: 11/20/24 16:18

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0031		0.0030		mg/L		12/05/24 22:15	12/09/24 13:04	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:21	1
Barium	0.063		0.0025		mg/L		12/05/24 22:15	12/06/24 19:21	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:21	1
Boron	3.1	F1	0.050		mg/L		12/05/24 22:15	12/09/24 13:04	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:21	1
Calcium	79		0.20		mg/L		12/05/24 22:15	12/06/24 19:21	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:21	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:21	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:21	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:21	1
Molybdenum	0.028		0.0050		mg/L		12/05/24 22:15	12/06/24 19:21	1
Selenium	0.0040		0.0025		mg/L		12/05/24 22:15	12/06/24 19:21	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	28		5.0		mg/L			12/11/24 08:04	5
Sulfate (EPA 300.0)	130		5.0		mg/L			12/11/24 08:04	5
Total Dissolved Solids (SM 2540C)	560		10		mg/L			11/25/24 06:36	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			12/03/24 15:06	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-260461-19

Date Collected: 11/20/24 00:00

Matrix: Water

Date Received: 11/21/24 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:17	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:38	1
Barium	0.045		0.0025		mg/L		12/05/24 22:15	12/06/24 19:38	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:38	1
Boron	0.13		0.050		mg/L		12/05/24 22:15	12/09/24 13:17	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:38	1
Calcium	110		0.20		mg/L		12/05/24 22:15	12/06/24 19:38	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:38	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:38	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:38	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:38	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:38	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:38	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	28		1.0		mg/L			12/11/24 08:51	1
Sulfate (EPA 300.0)	25		1.0		mg/L			12/11/24 08:51	1
Total Dissolved Solids (SM 2540C)	630		10		mg/L			11/25/24 06:39	1
Fluoride (SM 4500 F C)	<0.10		0.10		mg/L			12/03/24 15:10	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-13

Lab Sample ID: 500-260461-20

Date Collected: 11/21/24 09:27

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:19	1
Arsenic	0.022		0.0010		mg/L		12/05/24 22:15	12/06/24 19:41	1
Barium	0.10		0.0025		mg/L		12/05/24 22:15	12/06/24 19:41	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:41	1
Boron	1.9		0.050		mg/L		12/05/24 22:15	12/09/24 13:19	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:41	1
Calcium	60		0.20		mg/L		12/05/24 22:15	12/06/24 19:41	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:41	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:41	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:41	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:41	1
Molybdenum	0.019		0.0050		mg/L		12/05/24 22:15	12/06/24 19:41	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:41	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		20		mg/L			12/11/24 09:07	20
Sulfate (EPA 300.0)	320		20		mg/L			12/11/24 09:07	20
Total Dissolved Solids (SM 2540C)	1200		10		mg/L			11/25/24 06:41	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			12/03/24 15:14	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-17

Lab Sample ID: 500-260461-21

Date Collected: 11/21/24 10:42

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:22	1
Arsenic	0.0019		0.0010		mg/L		12/05/24 22:15	12/06/24 19:43	1
Barium	0.027		0.0025		mg/L		12/05/24 22:15	12/06/24 19:43	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:43	1
Boron	0.92		0.050		mg/L		12/05/24 22:15	12/09/24 13:22	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:43	1
Calcium	140		0.20		mg/L		12/05/24 22:15	12/06/24 19:43	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:43	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:43	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:43	1
Lithium	0.013		0.010		mg/L		12/05/24 22:15	12/06/24 19:43	1
Molybdenum	0.036		0.0050		mg/L		12/05/24 22:15	12/06/24 19:43	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:43	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		20		mg/L			12/11/24 09:22	20
Sulfate (EPA 300.0)	430		20		mg/L			12/11/24 09:22	20
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			11/26/24 02:06	1
Fluoride (SM 4500 F C)	0.71		0.10		mg/L			12/03/24 15:30	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-08

Lab Sample ID: 500-260461-22

Date Collected: 11/21/24 12:09

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:29	1
Arsenic	0.0021		0.0010		mg/L		12/05/24 22:15	12/06/24 19:46	1
Barium	0.11		0.0025		mg/L		12/05/24 22:15	12/06/24 19:46	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:46	1
Boron	0.65		0.050		mg/L		12/05/24 22:15	12/09/24 13:29	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:46	1
Calcium	120		0.20		mg/L		12/05/24 22:15	12/06/24 19:46	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:46	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:46	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:46	1
Lithium	0.020		0.010		mg/L		12/05/24 22:15	12/06/24 19:46	1
Molybdenum	0.0092		0.0050		mg/L		12/05/24 22:15	12/06/24 19:46	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:46	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			12/11/24 09:38	10
Sulfate (EPA 300.0)	120		10		mg/L			12/11/24 09:38	10
Total Dissolved Solids (SM 2540C)	770		10		mg/L			11/26/24 02:09	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			12/03/24 15:35	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-01

Lab Sample ID: 500-260461-23

Date Collected: 11/21/24 13:30

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:32	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:48	1
Barium	0.089		0.0025		mg/L		12/05/24 22:15	12/06/24 19:48	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:48	1
Boron	1.4		0.050		mg/L		12/05/24 22:15	12/09/24 13:32	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:48	1
Calcium	110		0.20		mg/L		12/05/24 22:15	12/06/24 19:48	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:48	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:48	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:48	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:48	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:48	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:48	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	46		5.0		mg/L			12/11/24 09:53	5
Sulfate (EPA 300.0)	51		5.0		mg/L			12/11/24 09:53	5
Total Dissolved Solids (SM 2540C)	580		10		mg/L			11/26/24 02:11	1
Fluoride (SM 4500 F C)	0.11		0.10		mg/L			12/03/24 15:40	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: MW-10

Lab Sample ID: 500-260461-24

Date Collected: 11/21/24 15:14

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:34	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:51	1
Barium	0.049		0.0025		mg/L		12/05/24 22:15	12/06/24 19:51	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:51	1
Boron	0.87		0.050		mg/L		12/05/24 22:15	12/09/24 13:34	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:51	1
Calcium	22		0.20		mg/L		12/05/24 22:15	12/06/24 19:51	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:51	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:51	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:51	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:51	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:51	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:51	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	62		5.0		mg/L			12/11/24 15:27	5
Sulfate (EPA 300.0)	39		5.0		mg/L			12/11/24 15:27	5
Total Dissolved Solids (SM 2540C)	510		10		mg/L			11/26/24 02:14	1
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			12/03/24 15:45	1

Client Sample Results

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

Job ID: 500-260461-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-260461-25

Date Collected: 11/21/24 00:00

Matrix: Water

Date Received: 11/22/24 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/09/24 13:37	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:53	1
Barium	0.088		0.0025		mg/L		12/05/24 22:15	12/06/24 19:53	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:53	1
Boron	1.3		0.050		mg/L		12/05/24 22:15	12/09/24 13:37	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:53	1
Calcium	100		0.20		mg/L		12/05/24 22:15	12/06/24 19:53	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:53	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 19:53	1
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 19:53	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 19:53	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 19:53	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 19:53	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 19:53	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	46		10		mg/L			12/11/24 15:43	10
Sulfate (EPA 300.0)	50		10		mg/L			12/11/24 15:43	10
Total Dissolved Solids (SM 2540C)	560		10		mg/L			11/26/24 02:17	1
Fluoride (SM 4500 F C)	0.12		0.10		mg/L			12/03/24 15:49	1

Definitions/Glossary

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

Job ID: 500-260461-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: 500-260461-1

Metals

Prep Batch: 798105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total Recoverable	Water	3005A	
500-260461-2	MW-15	Total Recoverable	Water	3005A	
500-260461-3	MW-21D	Total Recoverable	Water	3005A	
MB 500-798105/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-798105/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 798274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-4	Duplicate	Total Recoverable	Water	3005A	
500-260461-5	MW-02	Total Recoverable	Water	3005A	
500-260461-6	MW-03	Total Recoverable	Water	3005A	
500-260461-7	MW-04	Total Recoverable	Water	3005A	
500-260461-8	MW-05	Total Recoverable	Water	3005A	
500-260461-9	MW-06	Total Recoverable	Water	3005A	
500-260461-10	MW-18	Total Recoverable	Water	3005A	
500-260461-11	MW-18A	Total Recoverable	Water	3005A	
500-260461-12	MW-12R	Total Recoverable	Water	3005A	
500-260461-13	MW-07	Total Recoverable	Water	3005A	
500-260461-14	MW-09	Total Recoverable	Water	3005A	
500-260461-15	MW-11	Total Recoverable	Water	3005A	
500-260461-16	MW-16	Total Recoverable	Water	3005A	
500-260461-17	MW-22	Total Recoverable	Water	3005A	
MB 500-798274/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-798274/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 798276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-18	MW-19	Total Recoverable	Water	3005A	
500-260461-19	Duplicate 2	Total Recoverable	Water	3005A	
500-260461-20	MW-13	Total Recoverable	Water	3005A	
500-260461-21	MW-17	Total Recoverable	Water	3005A	
500-260461-22	MW-08	Total Recoverable	Water	3005A	
500-260461-23	MW-01	Total Recoverable	Water	3005A	
500-260461-24	MW-10	Total Recoverable	Water	3005A	
500-260461-25	Duplicate 3	Total Recoverable	Water	3005A	
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-260461-18 MS	MW-19	Total Recoverable	Water	3005A	
500-260461-18 MSD	MW-19	Total Recoverable	Water	3005A	
500-260461-18 DU	MW-19	Total Recoverable	Water	3005A	

Analysis Batch: 798419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-4	Duplicate	Total Recoverable	Water	6020B	798274
500-260461-5	MW-02	Total Recoverable	Water	6020B	798274
500-260461-6	MW-03	Total Recoverable	Water	6020B	798274
500-260461-7	MW-04	Total Recoverable	Water	6020B	798274
500-260461-8	MW-05	Total Recoverable	Water	6020B	798274
500-260461-9	MW-06	Total Recoverable	Water	6020B	798274
500-260461-10	MW-18	Total Recoverable	Water	6020B	798274
500-260461-11	MW-18A	Total Recoverable	Water	6020B	798274

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QC Association Summary

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

Job ID: 500-260461-1

Metals (Continued)

Analysis Batch: 798419 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-12	MW-12R	Total Recoverable	Water	6020B	798274
500-260461-13	MW-07	Total Recoverable	Water	6020B	798274
500-260461-14	MW-09	Total Recoverable	Water	6020B	798274
500-260461-15	MW-11	Total Recoverable	Water	6020B	798274
500-260461-16	MW-16	Total Recoverable	Water	6020B	798274
500-260461-17	MW-22	Total Recoverable	Water	6020B	798274
MB 500-798274/1-A	Method Blank	Total Recoverable	Water	6020B	798274
LCS 500-798274/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798274

Analysis Batch: 798542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total Recoverable	Water	6020B	798105
500-260461-2	MW-15	Total Recoverable	Water	6020B	798105
500-260461-3	MW-21D	Total Recoverable	Water	6020B	798105
500-260461-18	MW-19	Total Recoverable	Water	6020B	798276
500-260461-19	Duplicate 2	Total Recoverable	Water	6020B	798276
500-260461-20	MW-13	Total Recoverable	Water	6020B	798276
500-260461-21	MW-17	Total Recoverable	Water	6020B	798276
500-260461-22	MW-08	Total Recoverable	Water	6020B	798276
500-260461-23	MW-01	Total Recoverable	Water	6020B	798276
500-260461-24	MW-10	Total Recoverable	Water	6020B	798276
500-260461-25	Duplicate 3	Total Recoverable	Water	6020B	798276
MB 500-798105/1-A	Method Blank	Total Recoverable	Water	6020B	798105
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	6020B	798276
LCS 500-798105/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798105
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798276
500-260461-18 MS	MW-19	Total Recoverable	Water	6020B	798276
500-260461-18 MSD	MW-19	Total Recoverable	Water	6020B	798276
500-260461-18 DU	MW-19	Total Recoverable	Water	6020B	798276

Analysis Batch: 798633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-18	MW-19	Total Recoverable	Water	6020B	798276
500-260461-19	Duplicate 2	Total Recoverable	Water	6020B	798276
500-260461-20	MW-13	Total Recoverable	Water	6020B	798276
500-260461-21	MW-17	Total Recoverable	Water	6020B	798276
500-260461-22	MW-08	Total Recoverable	Water	6020B	798276
500-260461-23	MW-01	Total Recoverable	Water	6020B	798276
500-260461-24	MW-10	Total Recoverable	Water	6020B	798276
500-260461-25	Duplicate 3	Total Recoverable	Water	6020B	798276
MB 500-798276/1-A	Method Blank	Total Recoverable	Water	6020B	798276
LCS 500-798276/2-A	Lab Control Sample	Total Recoverable	Water	6020B	798276
500-260461-18 MS	MW-19	Total Recoverable	Water	6020B	798276
500-260461-18 MSD	MW-19	Total Recoverable	Water	6020B	798276
500-260461-18 DU	MW-19	Total Recoverable	Water	6020B	798276

Analysis Batch: 798722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total Recoverable	Water	6020B	798105
500-260461-2	MW-15	Total Recoverable	Water	6020B	798105
500-260461-3	MW-21D	Total Recoverable	Water	6020B	798105

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QC Association Summary

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

Job ID: 500-260461-1

Metals

Prep Batch: 798953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	7470A	
500-260461-2	MW-15	Total/NA	Water	7470A	
500-260461-3	MW-21D	Total/NA	Water	7470A	
500-260461-4	Duplicate	Total/NA	Water	7470A	
500-260461-5	MW-02	Total/NA	Water	7470A	
500-260461-6	MW-03	Total/NA	Water	7470A	
500-260461-7	MW-04	Total/NA	Water	7470A	
500-260461-8	MW-05	Total/NA	Water	7470A	
500-260461-9	MW-06	Total/NA	Water	7470A	
500-260461-10	MW-18	Total/NA	Water	7470A	
500-260461-11	MW-18A	Total/NA	Water	7470A	
500-260461-12	MW-12R	Total/NA	Water	7470A	
500-260461-13	MW-07	Total/NA	Water	7470A	
MB 500-798953/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-798953/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-260461-6 MS	MW-03	Total/NA	Water	7470A	
500-260461-6 MSD	MW-03	Total/NA	Water	7470A	
500-260461-6 DU	MW-03	Total/NA	Water	7470A	

Prep Batch: 798954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-14	MW-09	Total/NA	Water	7470A	
500-260461-15	MW-11	Total/NA	Water	7470A	
500-260461-16	MW-16	Total/NA	Water	7470A	
500-260461-17	MW-22	Total/NA	Water	7470A	
500-260461-18	MW-19	Total/NA	Water	7470A	
500-260461-19	Duplicate 2	Total/NA	Water	7470A	
500-260461-20	MW-13	Total/NA	Water	7470A	
500-260461-21	MW-17	Total/NA	Water	7470A	
500-260461-22	MW-08	Total/NA	Water	7470A	
500-260461-23	MW-01	Total/NA	Water	7470A	
500-260461-24	MW-10	Total/NA	Water	7470A	
500-260461-25	Duplicate 3	Total/NA	Water	7470A	
MB 500-798954/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-798954/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-260461-23 MS	MW-01	Total/NA	Water	7470A	
500-260461-23 MSD	MW-01	Total/NA	Water	7470A	
500-260461-23 DU	MW-01	Total/NA	Water	7470A	

Analysis Batch: 799174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	7470A	798953
500-260461-2	MW-15	Total/NA	Water	7470A	798953
500-260461-3	MW-21D	Total/NA	Water	7470A	798953
500-260461-4	Duplicate	Total/NA	Water	7470A	798953
500-260461-5	MW-02	Total/NA	Water	7470A	798953
500-260461-6	MW-03	Total/NA	Water	7470A	798953
500-260461-7	MW-04	Total/NA	Water	7470A	798953
500-260461-8	MW-05	Total/NA	Water	7470A	798953
500-260461-9	MW-06	Total/NA	Water	7470A	798953
500-260461-10	MW-18	Total/NA	Water	7470A	798953

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QC Association Summary

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

Job ID: 500-260461-1

Metals (Continued)

Analysis Batch: 799174 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-11	MW-18A	Total/NA	Water	7470A	798953
500-260461-12	MW-12R	Total/NA	Water	7470A	798953
500-260461-13	MW-07	Total/NA	Water	7470A	798953
500-260461-14	MW-09	Total/NA	Water	7470A	798954
500-260461-15	MW-11	Total/NA	Water	7470A	798954
500-260461-16	MW-16	Total/NA	Water	7470A	798954
500-260461-17	MW-22	Total/NA	Water	7470A	798954
500-260461-18	MW-19	Total/NA	Water	7470A	798954
500-260461-19	Duplicate 2	Total/NA	Water	7470A	798954
500-260461-20	MW-13	Total/NA	Water	7470A	798954
500-260461-21	MW-17	Total/NA	Water	7470A	798954
500-260461-22	MW-08	Total/NA	Water	7470A	798954
500-260461-23	MW-01	Total/NA	Water	7470A	798954
500-260461-24	MW-10	Total/NA	Water	7470A	798954
500-260461-25	Duplicate 3	Total/NA	Water	7470A	798954
MB 500-798953/12-A	Method Blank	Total/NA	Water	7470A	798953
MB 500-798954/12-A	Method Blank	Total/NA	Water	7470A	798954
LCS 500-798953/13-A	Lab Control Sample	Total/NA	Water	7470A	798953
LCS 500-798954/13-A	Lab Control Sample	Total/NA	Water	7470A	798954
500-260461-6 MS	MW-03	Total/NA	Water	7470A	798953
500-260461-6 MSD	MW-03	Total/NA	Water	7470A	798953
500-260461-23 MS	MW-01	Total/NA	Water	7470A	798954
500-260461-23 MSD	MW-01	Total/NA	Water	7470A	798954
500-260461-6 DU	MW-03	Total/NA	Water	7470A	798953
500-260461-23 DU	MW-01	Total/NA	Water	7470A	798954

General Chemistry

Analysis Batch: 796611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	SM 2540C	
500-260461-2	MW-15	Total/NA	Water	SM 2540C	
500-260461-3	MW-21D	Total/NA	Water	SM 2540C	
MB 500-796611/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-796611/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 796786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-4	Duplicate	Total/NA	Water	SM 2540C	
500-260461-5	MW-02	Total/NA	Water	SM 2540C	
500-260461-6	MW-03	Total/NA	Water	SM 2540C	
500-260461-7	MW-04	Total/NA	Water	SM 2540C	
500-260461-8	MW-05	Total/NA	Water	SM 2540C	
500-260461-9	MW-06	Total/NA	Water	SM 2540C	
500-260461-10	MW-18	Total/NA	Water	SM 2540C	
500-260461-11	MW-18A	Total/NA	Water	SM 2540C	
MB 500-796786/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-796786/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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QC Association Summary

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

Job ID: 500-260461-1

General Chemistry

Analysis Batch: 796787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-12	MW-12R	Total/NA	Water	SM 2540C	
500-260461-13	MW-07	Total/NA	Water	SM 2540C	
500-260461-14	MW-09	Total/NA	Water	SM 2540C	
500-260461-15	MW-11	Total/NA	Water	SM 2540C	
500-260461-16	MW-16	Total/NA	Water	SM 2540C	
500-260461-17	MW-22	Total/NA	Water	SM 2540C	
500-260461-18	MW-19	Total/NA	Water	SM 2540C	
500-260461-19	Duplicate 2	Total/NA	Water	SM 2540C	
500-260461-20	MW-13	Total/NA	Water	SM 2540C	
MB 500-796787/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-796787/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-260461-12 MS	MW-12R	Total/NA	Water	SM 2540C	
500-260461-12 DU	MW-12R	Total/NA	Water	SM 2540C	
500-260461-13 DU	MW-07	Total/NA	Water	SM 2540C	

Analysis Batch: 797032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-21	MW-17	Total/NA	Water	SM 2540C	
500-260461-22	MW-08	Total/NA	Water	SM 2540C	
500-260461-23	MW-01	Total/NA	Water	SM 2540C	
500-260461-24	MW-10	Total/NA	Water	SM 2540C	
500-260461-25	Duplicate 3	Total/NA	Water	SM 2540C	
MB 500-797032/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-797032/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 797536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	SM 4500 F C	
500-260461-2	MW-15	Total/NA	Water	SM 4500 F C	
500-260461-3	MW-21D	Total/NA	Water	SM 4500 F C	
500-260461-4	Duplicate	Total/NA	Water	SM 4500 F C	
500-260461-5	MW-02	Total/NA	Water	SM 4500 F C	
500-260461-6	MW-03	Total/NA	Water	SM 4500 F C	
MB 500-797536/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-797536/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 797725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-7	MW-04	Total/NA	Water	SM 4500 F C	
500-260461-8	MW-05	Total/NA	Water	SM 4500 F C	
500-260461-9	MW-06	Total/NA	Water	SM 4500 F C	
500-260461-10	MW-18	Total/NA	Water	SM 4500 F C	
500-260461-11	MW-18A	Total/NA	Water	SM 4500 F C	
500-260461-12	MW-12R	Total/NA	Water	SM 4500 F C	
500-260461-13	MW-07	Total/NA	Water	SM 4500 F C	
500-260461-14	MW-09	Total/NA	Water	SM 4500 F C	
MB 500-797725/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-797725/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-797725/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-797725/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

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QC Association Summary

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

Job ID: 500-260461-1

General Chemistry

Analysis Batch: 798114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-15	MW-11	Total/NA	Water	SM 4500 F C	
500-260461-16	MW-16	Total/NA	Water	SM 4500 F C	
500-260461-17	MW-22	Total/NA	Water	SM 4500 F C	
500-260461-18	MW-19	Total/NA	Water	SM 4500 F C	
500-260461-19	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-260461-20	MW-13	Total/NA	Water	SM 4500 F C	
500-260461-21	MW-17	Total/NA	Water	SM 4500 F C	
500-260461-22	MW-08	Total/NA	Water	SM 4500 F C	
500-260461-23	MW-01	Total/NA	Water	SM 4500 F C	
500-260461-24	MW-10	Total/NA	Water	SM 4500 F C	
500-260461-25	Duplicate 3	Total/NA	Water	SM 4500 F C	
MB 500-798114/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-798114/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-260461-15 MS	MW-11	Total/NA	Water	SM 4500 F C	
500-260461-15 MSD	MW-11	Total/NA	Water	SM 4500 F C	

Analysis Batch: 798763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	300.0	
500-260461-2	MW-15	Total/NA	Water	300.0	
500-260461-3	MW-21D	Total/NA	Water	300.0	
500-260461-4	Duplicate	Total/NA	Water	300.0	
500-260461-5	MW-02	Total/NA	Water	300.0	
500-260461-6	MW-03	Total/NA	Water	300.0	
500-260461-7	MW-04	Total/NA	Water	300.0	
500-260461-8	MW-05	Total/NA	Water	300.0	
500-260461-9	MW-06	Total/NA	Water	300.0	
500-260461-10	MW-18	Total/NA	Water	300.0	
500-260461-11	MW-18A	Total/NA	Water	300.0	
500-260461-12	MW-12R	Total/NA	Water	300.0	
500-260461-13	MW-07	Total/NA	Water	300.0	
500-260461-14	MW-09	Total/NA	Water	300.0	
500-260461-15	MW-11	Total/NA	Water	300.0	
500-260461-16	MW-16	Total/NA	Water	300.0	
500-260461-17	MW-22	Total/NA	Water	300.0	
MB 500-798763/3	Method Blank	Total/NA	Water	300.0	
LCS 500-798763/4	Lab Control Sample	Total/NA	Water	300.0	
500-260461-1 MS	MW-14	Total/NA	Water	300.0	
500-260461-1 MSD	MW-14	Total/NA	Water	300.0	

Analysis Batch: 798788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-18	MW-19	Total/NA	Water	300.0	
500-260461-19	Duplicate 2	Total/NA	Water	300.0	
500-260461-20	MW-13	Total/NA	Water	300.0	
500-260461-21	MW-17	Total/NA	Water	300.0	
500-260461-22	MW-08	Total/NA	Water	300.0	
500-260461-23	MW-01	Total/NA	Water	300.0	
500-260461-24	MW-10	Total/NA	Water	300.0	
500-260461-25	Duplicate 3	Total/NA	Water	300.0	
MB 500-798788/3	Method Blank	Total/NA	Water	300.0	

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QC Association Summary

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

Job ID: 500-260461-1

General Chemistry (Continued)

Analysis Batch: 798788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-798788/4	Lab Control Sample	Total/NA	Water	300.0	
500-260461-18 MS	MW-19	Total/NA	Water	300.0	
500-260461-18 MSD	MW-19	Total/NA	Water	300.0	

Analysis Batch: 799158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	300.0	
500-260461-13	MW-07	Total/NA	Water	300.0	
MB 500-799158/3	Method Blank	Total/NA	Water	300.0	
LCS 500-799158/4	Lab Control Sample	Total/NA	Water	300.0	
500-260461-1 MS	MW-14	Total/NA	Water	300.0	
500-260461-1 MSD	MW-14	Total/NA	Water	300.0	

QC Sample Results

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

Job ID: 500-260461-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-798105/1-A

Matrix: Water

Analysis Batch: 798542

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 09:13	12/06/24 18:23	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 18:23	1
Barium	<0.0025		0.0025		mg/L		12/05/24 09:13	12/06/24 18:23	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 18:23	1
Boron	<0.050		0.050		mg/L		12/05/24 09:13	12/06/24 18:23	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 18:23	1
Calcium	<0.20		0.20		mg/L		12/05/24 09:13	12/06/24 18:23	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 09:13	12/06/24 18:23	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 09:13	12/06/24 18:23	1
Lead	<0.00050		0.00050		mg/L		12/05/24 09:13	12/06/24 18:23	1
Lithium	<0.010		0.010		mg/L		12/05/24 09:13	12/06/24 18:23	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 09:13	12/06/24 18:23	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 09:13	12/06/24 18:23	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 09:13	12/06/24 18:23	1

Lab Sample ID: LCS 500-798105/2-A

Matrix: Water

Analysis Batch: 798542

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 798105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.531		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	0.0510		mg/L		102	80 - 120
Boron	1.00	1.04		mg/L		104	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Calcium	10.0	9.04		mg/L		90	80 - 120
Chromium	0.200	0.211		mg/L		106	80 - 120
Cobalt	0.500	0.549		mg/L		110	80 - 120
Lead	0.100	0.105		mg/L		105	80 - 120
Lithium	0.100	0.108		mg/L		108	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: MB 500-798274/1-A

Matrix: Water

Analysis Batch: 798419

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798274

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		12/05/24 22:15	12/06/24 12:33	1
Arsenic	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 12:33	1
Barium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 12:33	1
Beryllium	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 12:33	1
Boron	<0.050		0.050		mg/L		12/05/24 22:15	12/06/24 12:33	1
Cadmium	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 12:33	1
Calcium	<0.20		0.20		mg/L		12/05/24 22:15	12/06/24 12:33	1
Chromium	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 12:33	1
Cobalt	<0.0010		0.0010		mg/L		12/05/24 22:15	12/06/24 12:33	1

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QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: MB 500-798274/1-A

Matrix: Water

Analysis Batch: 798419

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798274

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		12/05/24 22:15	12/06/24 12:33	1
Lithium	<0.010		0.010		mg/L		12/05/24 22:15	12/06/24 12:33	1
Molybdenum	<0.0050		0.0050		mg/L		12/05/24 22:15	12/06/24 12:33	1
Selenium	<0.0025		0.0025		mg/L		12/05/24 22:15	12/06/24 12:33	1
Thallium	<0.0020		0.0020		mg/L		12/05/24 22:15	12/06/24 12:33	1

Lab Sample ID: LCS 500-798274/2-A

Matrix: Water

Analysis Batch: 798419

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 798274

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.468		mg/L		94	80 - 120
Arsenic	0.100	0.0896		mg/L		90	80 - 120
Barium	2.00	1.94		mg/L		97	80 - 120
Beryllium	0.0500	0.0462		mg/L		92	80 - 120
Boron	1.00	0.905		mg/L		90	80 - 120
Cadmium	0.0500	0.0468		mg/L		94	80 - 120
Calcium	10.0	8.04		mg/L		80	80 - 120
Chromium	0.200	0.188		mg/L		94	80 - 120
Cobalt	0.500	0.489		mg/L		98	80 - 120
Lead	0.100	0.0918		mg/L		92	80 - 120
Lithium	0.500	0.473		mg/L		95	80 - 120
Molybdenum	1.00	0.898		mg/L		90	80 - 120
Selenium	0.100	0.0891		mg/L		89	80 - 120
Thallium	0.100	0.0957		mg/L		96	80 - 120

Lab Sample ID: MB 500-798276/1-A

Matrix: Water

Analysis Batch: 798542

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798276

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

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QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: MB 500-798276/1-A

Matrix: Water

Analysis Batch: 798633

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 798276

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

Lab Sample ID: LCS 500-798276/2-A

Matrix: Water

Analysis Batch: 798542

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 798276

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

Lab Sample ID: LCS 500-798276/2-A

Matrix: Water

Analysis Batch: 798633

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 798276

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

Lab Sample ID: 500-260461-18 MS

Matrix: Water

Analysis Batch: 798542

Client Sample ID: MW-19

Prep Type: Total Recoverable

Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.0010		0.100	0.0910		mg/L		91	75 - 125
Barium	0.063		2.00	2.00		mg/L		97	75 - 125
Beryllium	<0.0010		0.0500	0.0470		mg/L		94	75 - 125
Cadmium	<0.00050		0.0500	0.0477		mg/L		95	75 - 125
Calcium	79		10.0	89.0	4	mg/L		100	75 - 125
Chromium	<0.0050		0.200	0.189		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.479		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.0932		mg/L		93	75 - 125
Lithium	<0.010		0.500	0.490		mg/L		97	75 - 125
Molybdenum	0.028		1.00	0.962		mg/L		93	75 - 125
Selenium	0.0040		0.100	0.0958		mg/L		92	75 - 125
Thallium	<0.0020		0.100	0.0970		mg/L		97	75 - 125

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QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: 500-260461-18 MS

Matrix: Water

Analysis Batch: 798633

Client Sample ID: MW-19

Prep Type: Total Recoverable

Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0031		0.500	0.477		mg/L		95	75 - 125
Boron	3.1	F1	1.00	3.56	F1	mg/L		47	75 - 125

Lab Sample ID: 500-260461-18 MSD

Matrix: Water

Analysis Batch: 798542

Client Sample ID: MW-19

Prep Type: Total Recoverable

Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.0010		0.100	0.0939		mg/L		94	75 - 125	3	20
Barium	0.063		2.00	2.03		mg/L		98	75 - 125	2	20
Beryllium	<0.0010		0.0500	0.0478		mg/L		96	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0489		mg/L		98	75 - 125	3	20
Calcium	79		10.0	92.1	4	mg/L		131	75 - 125	3	20
Chromium	<0.0050		0.200	0.193		mg/L		97	75 - 125	2	20
Cobalt	<0.0010		0.500	0.485		mg/L		97	75 - 125	1	20
Lead	<0.00050		0.100	0.0956		mg/L		96	75 - 125	3	20
Lithium	<0.010		0.500	0.498		mg/L		99	75 - 125	2	20
Molybdenum	0.028		1.00	0.987		mg/L		96	75 - 125	2	20
Selenium	0.0040		0.100	0.0960		mg/L		92	75 - 125	0	20
Thallium	<0.0020		0.100	0.0991		mg/L		99	75 - 125	2	20

Lab Sample ID: 500-260461-18 MSD

Matrix: Water

Analysis Batch: 798633

Client Sample ID: MW-19

Prep Type: Total Recoverable

Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.0031		0.500	0.514		mg/L		102	75 - 125	7	20
Boron	3.1	F1	1.00	3.87		mg/L		79	75 - 125	8	20

Lab Sample ID: 500-260461-18 DU

Matrix: Water

Analysis Batch: 798542

Client Sample ID: MW-19

Prep Type: Total Recoverable

Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.063		0.0634		mg/L		1	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	79		79.7		mg/L		0.9	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	0.028		0.0275		mg/L		0	20
Selenium	0.0040		0.00359		mg/L		10	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

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QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: 500-260461-18 DU
Matrix: Water
Analysis Batch: 798633

Client Sample ID: MW-19
Prep Type: Total Recoverable
Prep Batch: 798276

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	0.0031		<0.0030		mg/L		NC	20
Boron	3.1	F1	3.13		mg/L		1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-798953/12-A
Matrix: Water
Analysis Batch: 799174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 798953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 07:48	1

Lab Sample ID: LCS 500-798953/13-A
Matrix: Water
Analysis Batch: 799174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 798953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00196		mg/L		98	80 - 120

Lab Sample ID: 500-260461-6 MS
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 798953

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000936		mg/L		94	75 - 125

Lab Sample ID: 500-260461-6 MSD
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 798953

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000953		mg/L		95	75 - 125	2	20

Lab Sample ID: 500-260461-6 DU
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 798953

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

Lab Sample ID: MB 500-798954/12-A
Matrix: Water
Analysis Batch: 799174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 798954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		12/11/24 10:45	12/12/24 09:01	1

Eurofins Chicago

QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: LCS 500-798954/13-A
Matrix: Water
Analysis Batch: 799174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 798954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00193		mg/L		97	80 - 120

Lab Sample ID: 500-260461-23 MS
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 798954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000872		mg/L		87	75 - 125

Lab Sample ID: 500-260461-23 MSD
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 798954

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000926		mg/L		93	75 - 125	6	20

Lab Sample ID: 500-260461-23 DU
Matrix: Water
Analysis Batch: 799174

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 798954

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-798763/3
Matrix: Water
Analysis Batch: 798763

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			12/10/24 22:43	1
Sulfate	<1.0		1.0		mg/L			12/10/24 22:43	1

Lab Sample ID: LCS 500-798763/4
Matrix: Water
Analysis Batch: 798763

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	18.5		mg/L		92	90 - 110
Sulfate	20.0	19.7		mg/L		98	90 - 110

Lab Sample ID: 500-260461-1 MS
Matrix: Water
Analysis Batch: 798763

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	1700		1000	2660		mg/L		98	80 - 120

Eurofins Chicago

QC Sample Results

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

Job ID: 500-260461-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-260461-1 MSD

Matrix: Water

Analysis Batch: 798763

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	1700		1000	2660		mg/L		99	80 - 120	0	20

Lab Sample ID: MB 500-798788/3

Matrix: Water

Analysis Batch: 798788

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-798788/4

Matrix: Water

Analysis Batch: 798788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	18.3		mg/L		91	90 - 110
Sulfate	20.0	19.0		mg/L		95	90 - 110

Lab Sample ID: 500-260461-18 MS

Matrix: Water

Analysis Batch: 798788

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
Chloride	28		50.0	77.9		mg/L		99	80 - 120
Sulfate	130		50.0	176		mg/L		101	80 - 120

Lab Sample ID: 500-260461-18 MSD

Matrix: Water

Analysis Batch: 798788

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
Chloride	28		50.0	78.0		mg/L		100	80 - 120	0	20
Sulfate	130		50.0	180		mg/L		109	80 - 120	2	20

Lab Sample ID: MB 500-799158/3

Matrix: Water

Analysis Batch: 799158

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-799158/4

Matrix: Water

Analysis Batch: 799158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	99.7		mg/L		100	90 - 110

Eurofins Chicago

QC Sample Results

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

Job ID: 500-260461-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-260461-1 MS

Matrix: Water

Analysis Batch: 799158

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110		200	308		mg/L		100	80 - 120

Lab Sample ID: 500-260461-1 MSD

Matrix: Water

Analysis Batch: 799158

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		200	305		mg/L		98	80 - 120	1	20

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

Lab Sample ID: MB 500-796611/1

Matrix: Water

Analysis Batch: 796611

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/22/24 08:42	1

Lab Sample ID: LCS 500-796611/2

Matrix: Water

Analysis Batch: 796611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-796786/1

Matrix: Water

Analysis Batch: 796786

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/25/24 04:53	1

Lab Sample ID: LCS 500-796786/2

Matrix: Water

Analysis Batch: 796786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-796787/1

Matrix: Water

Analysis Batch: 796787

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/25/24 06:08	1

Eurofins Chicago

QC Sample Results

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

Job ID: 500-260461-1

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

Lab Sample ID: LCS 500-796787/2

Matrix: Water

Analysis Batch: 796787

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-260461-12 MS

Matrix: Water

Analysis Batch: 796787

Client Sample ID: MW-12R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	850		250	1150		mg/L		121	75 - 125

Lab Sample ID: 500-260461-12 DU

Matrix: Water

Analysis Batch: 796787

Client Sample ID: MW-12R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	850		888		mg/L		4	5

Lab Sample ID: 500-260461-13 DU

Matrix: Water

Analysis Batch: 796787

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1100		1130		mg/L		1	5

Lab Sample ID: MB 500-797032/1

Matrix: Water

Analysis Batch: 797032

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/26/24 01:28	1

Lab Sample ID: LCS 500-797032/2

Matrix: Water

Analysis Batch: 797032

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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-797536/31

Matrix: Water

Analysis Batch: 797536

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			11/27/24 14:44	1

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QC Sample Results

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

Job ID: 500-260461-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-797536/32

Matrix: Water

Analysis Batch: 797536

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	10.0		mg/L		100	90 - 119

Lab Sample ID: MB 500-797725/3

Matrix: Water

Analysis Batch: 797725

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/02/24 13:29	1

Lab Sample ID: MB 500-797725/31

Matrix: Water

Analysis Batch: 797725

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/02/24 15:54	1

Lab Sample ID: LCS 500-797725/32

Matrix: Water

Analysis Batch: 797725

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 500-797725/4

Matrix: Water

Analysis Batch: 797725

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	10.0		mg/L		100	90 - 119

Lab Sample ID: MB 500-798114/3

Matrix: Water

Analysis Batch: 798114

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/03/24 14:27	1

Lab Sample ID: LCS 500-798114/4

Matrix: Water

Analysis Batch: 798114

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.3		mg/L		103	90 - 119

Lab Sample ID: 500-260461-15 MS

Matrix: Water

Analysis Batch: 798114

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.53		5.00	5.49		mg/L		99	75 - 125

Eurofins Chicago

QC Sample Results

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

Job ID: 500-260461-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: 500-260461-15 MSD							Client Sample ID: MW-11					
Matrix: Water							Prep Type: Total/NA					
Analysis Batch: 798114												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Fluoride	0.53		5.00	5.54		mg/L		100	75 - 125	1	20	

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record

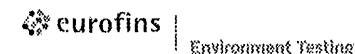
MKE 232



Environment Testing

Client Information		Sampler <i>Kaelyn Sperle</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-129749-49657 2					
Client Contact Kaelyn Sperle		Phone: <i>262-278-1621</i>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <i>IL</i>		Page Page 2 of 3 - 1 of 1					
Company KPRG and Associates, Inc.		PWSID		Analysis Requested									
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested <i>Standard</i>		 500-260461 COC						Job # <i>500-260461</i>			
City Brookfield		TAT Requested (days) <i>Standard</i>								Preservation Codes O HNO3 N None			
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		Total Number of containers						Other			
Site		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Special Instructions/Note:	
MW-12					Water								
MW-13					Water								
1 MW-14		11/18/24	1345	G	Water	N	N	X	X	X	X		7
2 MW-15		11/18/24	1528	G	Water	N	N	X	X	X	X		7
MW-16					Water								
MW-17					Water								
MW-18					Water								
MW-19					Water								
MW-20					Water								
MW-21					Water								
3 MW-21D		11/18/24	1235	G	Water	N	N	X	X	X	X		7
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by				Date		Time		Method of Shipment					
Relinquished by <i>Kaelyn Sperle</i>				Date/Time 11/18/24/1720		Company KPRG		Received by <i>FedEx</i>		Date/Time 11/18/24/1720		Company FedEx	
Relinquished by				Date/Time		Company		Received by <i>Stephanie Hemminger</i>		Date/Time 11/20/24 1000		Company FEIA	
Relinquished by				Date/Time		Company		Received by		Date/Time		Company	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>6.1 + 5.5</i>									

MIKE 232



Client Information		Sampler Kaelyn Sperle		Lab PM Mockler, Diana J		Carrier Tracking No(s) 500-129749-49657 1		
Client Contact Kaelyn Sperle		Phone: 262-278-1621		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: IL		
Company KPRG and Associates, Inc.		PWSID		Analysis Requested				
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested Standard		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 8020A, 7470A 2540C, 4500_F_C, SM4500_C1_E SM4500_SO4_E - Sulfate Total Number of Containers				
City Brookfield		TAT Requested (days) Standard						
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		Preservation Codes: D - HNO3 N - None Other:				
Site:		SSOW#:						
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Special Instructions/Note:		
MW-01 Duplicate 1		11/19/24	-	G	Water	7		
MW-02		11/19/24	1102		Water			
MW-03		11/19/24	1206		Water			
MW-04		11/19/24	1355		Water			
MW-05		11/19/24	1502		Water			
MW-06		11/19/24	1609		Water			
MW-07 MW-18		11/19/24	1003		Water			
MW-08 MW-18A		11/19/24	0844		Water			
MW-09					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: Kaelyn Sperle			Date/Time: 11/19/24/1745		Company: KPRG		Received by: FedEx	
Relinquished by:			Date/Time:		Company:		Date/Time: 11/19/24/1745	
Relinquished by:			Date/Time:		Company:		Date/Time: 11/20/24 1000	
Relinquished by:			Date/Time:		Company:		Date/Time:	
Custody Seals Intact. ☐ Yes ☐ No			Custody Seal No		Cooler Temperature(s) °C and Other Remarks. 0.1+-0.2, -0.4+-0.7, 0.1+-0.2			

MIKE 232

Client Information		Sampler Kaelyn Sperle		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No: 500-129749-49657 2					
Client Contact: Kaelyn Sperle		Phone: 262-278-1621		E-Mail Diana.Mockler@et.eurofinsus.com		State of Origin. IL		Page: Page 2 of 3 Page 1 of 1					
Company KPRG and Associates, Inc.		PWSID		Analysis Requested									
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested Standard								Job # 500-260461			
City: Brookfield		TAT Requested (days) Standard								Preservation Codes: D - HNO3 N - None			
State, Zip: WI, 53005		Compliance Project Δ Yes Δ No											
Phone: 262-781-0475(Tel) 500-260461 COC		PO #. 4502160845											
Email: kaelyns@kprginc.com		WO #.		Total Number of Containers						Other:			
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project #. 60011612											
Site:		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CL_E	SM4500_SO4_E - Sulfate	Special Instructions/Note:	
						X	X	D	D	N	N		
MW-12 R	11/20/24	1251	G	Water	NN	X	X	X	X				
MW-07	11/20/24	0908		Water	NN								
MW-09	11/20/24	1134		Water	NN								
MW-11	11/20/24	1407		Water	NN								
MW-16	11/20/24	1014		Water	NN								
MW-17	11/20/24	1528	↓	Water	NN	↓	↓	↓	↓				
MW-20				Water									
MW-19	11/20/24	1618	G	Water	NN	X	X	X	X				
MW-20 Duplicate 2	11/20/24			Water									
MW-21				Water									
MW-21B				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: Kaelyn Sperle			Date/Time 11/20/24/1745	Company KPRG		Received by: FedEx		Date/Time 11/20/24/1745		Company FedEx			
Relinquished by:			Date/Time:	Company		Received by: [Signature]		Date/Time 11/21/24 0950		Company EPA			
Relinquished by:			Date/Time	Company		Received by:		Date/Time		Company			
Custody Seals Intact. Δ Yes Δ No	Custody Seal No			Cooler Temperature(s) °C and Other Remarks: -1.3 → -2.0, -1.3 → -1.6, -1.6 → -1.9									

MKE 232

Client Information		Sampler Kaelyn Sperle		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500-129749 49657 3				
Client Contact Kaelyn Sperle		Phone 262-278-1621		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin IL		Page Page 2 of 1				
Company KPRG and Associates Inc.		PWSID				tested		Job # 500-260461				
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested Standard						Preservation Codes D HNO3 N None				
City Brookfield		TAT Requested (days) standard										
State, Zip: WI, 53005		Compliance Project Δ Yes Δ No										
Phone 262-781-0475(Tel)		PO # 4502160845										
Email kaelyns@kprginc.com		WO #										
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project # 50011612										
Site		SSOW#:										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of Containers	Special Instructions/Note:
				Preservation Code		X X D D N N						
MW-13		11/21/24	0927	G	Water	N N X X X X					7	
MW-17		11/21/24	1042		Water	N N X X X X						
Duplicate 1 MW-08		11/21/24	1209		Water	N N X X X X						
Duplicate 2 MW-01		11/21/24	1330		Water	N N X X X X						
MW-10		11/21/24	1514		Water	N N X X X X						
Duplicate 3		11/21/24	-			N N X X X X						
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 Kaelyn Sperle		Date/Time 11/21/24/1645	Company KPRG		Received by FedEx		Date/Time 11/21/24/1645		Company FedEx			
Relinquished by		Date/Time	Company		Received by Stephanie Hemondy		Date/Time 11/21/24 0935		Company ETA			
Relinquished by		Date/Time	Company		Received by		Date/Time		Company			
Custody Seals Intact Δ Yes Δ No	Custody Seal No					Cooler Temperature(s) °C and Other Remarks -1.5 + -1.0, 2.0 + 2.7						

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

CAD: 0780307/CAFE3855

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

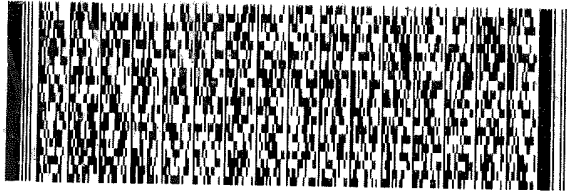
UNIVERSITY PARK IL 60484

(708) 534-5200

REF

DEPT

RMA



FedEx
Express



J24302407040101

FedEx

TRK#

0221

4221 9521 5810

WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

60484

IL-US ORD

XP JOTA



PORT 118287-435 RPOB2 EXP 07/25

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

CAD: 0780307/CAFE3855

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

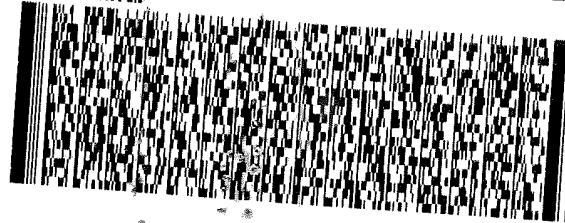
UNIVERSITY PARK IL 60484

(708) 534-5200

REF

DEPT

RMA



FedEx
Express



J24302407040101

FedEx

TRK#

0221

4221 9521 5842

WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

60484

IL-US ORD

XP JOTA



PORT 118287-435 RPOB2 EXP 07/25



500-260461 Waybi

ALL ASSOCIATES, INC
35 LISBON ROAD
TEA
WILKFIELD, WI 53005
THE STATES US

00780307/CAFE3855

SAMPLE RECEIPT
UROFINS CHICAGO
417 BOND ST.

6.1 - 55

UNIVERSITY PARK IL 60484

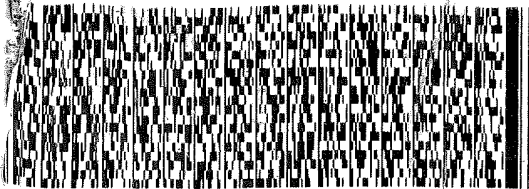
48QT

139489434 NTW EXP 0.125

334-5200

REF:

DEPT



J-4 J024070401 UV

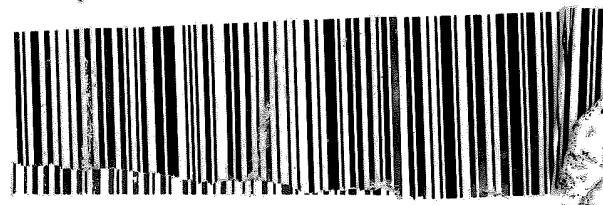
FedEx
WORK# 4221 9521 6025

TUE - 19 NOV 10:30A
PRIORITY OVERNIGHT

KP JOTA

60484
IL-US ORD

EXP 07/25



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

NOV 19 11 23 AM '25
CAD: 0780307/CAFE3855

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

011-5-02

UNIVERSITY PARK IL 60484

(708) 534-5200

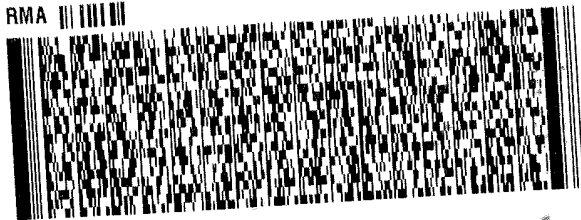
REF

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FedEx
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J2430240704018

FedEx

TRK# **4221 9521 5820**

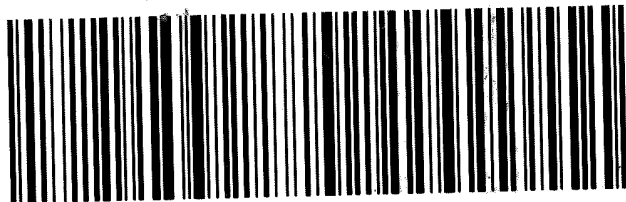
0221

WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

IL-US **ORD**



EXP 11/20/25 11:23 AM '25

KPRG AND ASSOCIATES, INC
14685 W. LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTIVITY: 03 00 00
CAD: 0780307/CAF

500-260461 Waybi

12/7/2025
34 MTW EXP 02/25

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

UNIVERSITY PARK IL 60484

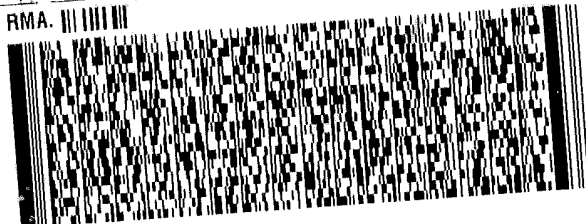
(708) 634-6200

REF

DEPT

THU:
PO:

RMA. 11111111



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Express



J2430240704010Y

FedEx

TRK#
0221

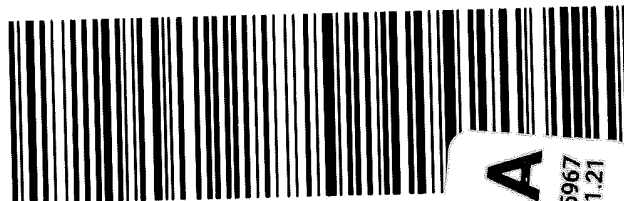
4221 9521 5967

THU - 21 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

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A
5967
11.21

KPRG AND ASSOCIATES, INC
14685 W. LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTIVITY: 03 00 00
CAD: 0780307/CAFE3855

Page # 139469-434 MTW EXP 02/25

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

UNIVERSITY PARK IL 60484

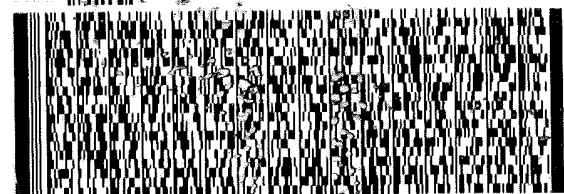
(708) 634-6200

REF

DEPT

THU:
PO:

RMA. 11111111



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Express



J2430240704010Y

FedEx

TRK#
0221

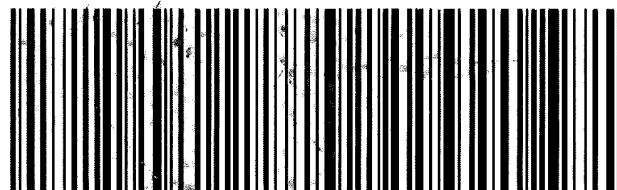
4221 9521 5989

THU - 21 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

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KPRG AND ASSOCIATES, INC
14685 W. LISAON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

NOT POSTED TO EDI
CAD: 0780307/CAFE3855

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

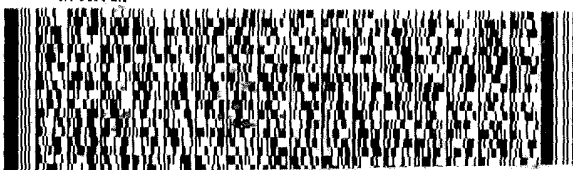
UNIVERSITY PARK IL 60484

(708) 534-5200

REF:

DEPT:

RMA. 11111111



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FedEx

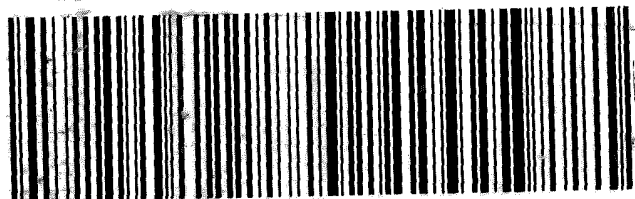
TRK# 4221 9521 6003
0221

THU - 21 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

IL-US ORD



Pat # 159469-434 MTW EXP 02/25

Pat # 159469-434 MTW EXP 07/25

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

DIRECT: ES 00 LB THIN
CAD: 0780307/CAFE3855

TO SAMPLE RECEIPT
EUROFINS CHICAGO
2417 BOND ST.

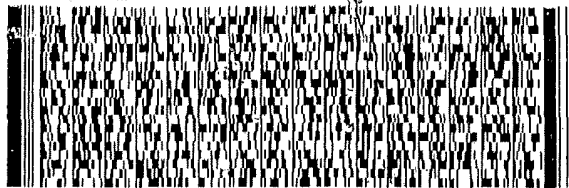
UNIVERSITY PARK IL 60484

(708) 634 5200

REF:

DEPT:

RMA



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Express



JD4J02A071401

TRK# 4221 9521 5772

RETURNS MON-SAT

PRIORITY OVERNIGHT

FRI - 22 NOV AA

PRIORITY OVERNIGHT

NSR

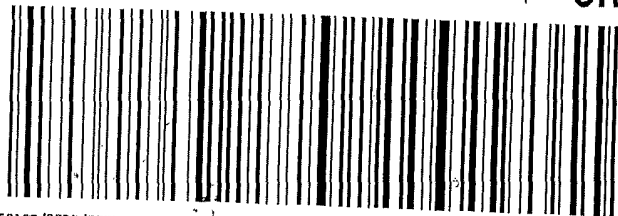
XP JOTA

48QT

60484

IL-US

ORD



581G8/39D3/5FE5

Do Not Lift Using This Tag



FedEx

TRK#
0221

4221 9521 5794

FRI - 22 NOV A/
PRIORITY OVERNIGHT

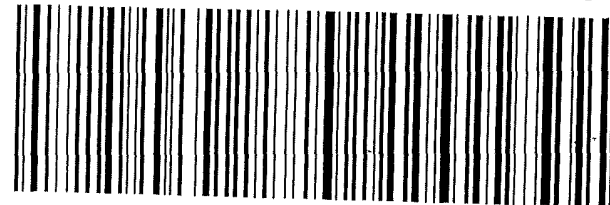
500-260461 Waybi

XP JOTA

60484

IL-US

ORD



4275846 21Nov2024 P1AA 581G8/39D3/5FE5

Place Label Here



Client Information (Sub Contract Lab)				Lab PM	Carrier Tracking No(s)	IOC No								
Client Contact				Mockler, Diana J	N/A	500-195492.1								
Shipping/Receiving				E-Mail	State of Origin	Page								
Company				Diana Mockler@et.eurofins.com	Illinois	Page 1 of 1								
Address:				Accreditations Required (See note)										
13715 Rider Trail North,				NELAP - Illinois										
City				Analysis Requested										
Earth City				Due Date Requested:										
State, Zip				12/13/2024										
Phone				TAT Requested (days):										
314-298-8566(Tel) 314-298-8757(Fax)				N/A										
Email				PO #										
N/A				N/A										
Project Name				WO #										
Powertron CCR				N/A										
Site				Project #										
N/A				50011612										
				SSOW#										
				N/A										
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Other, T=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_0 Standard Target List	Ra26Ra228_GFP	Total Number of Containers	Special Instructions/Note:
MW-12R (500-260461-12)	11/20/24	12:51 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-07 (500-260461-13)	11/20/24	09:08 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-09 (500-260461-14)	11/20/24	11:34 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-11 (500-260461-15)	11/20/24	14:07 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-16 (500-260461-16)	11/20/24	10:14 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-22 (500-260461-17)	11/20/24	15:28 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-19 (500-260461-18)	11/20/24	16:18 Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 2 (500-260461-19)	11/20/24	Central	G	Water						X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification
Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____

Primary Deliverable Rank: 2

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

Relinquished by: _____ Date/Time: 11/21/24 16:00 Company: _____

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

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

Custody Seals Intact: _____ Custody Seal No.: _____

Δ Yes Δ No

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

Special Instructions/QC Requirements: _____

Method of Shipment: _____

Received by: _____ Date/Time: 08/10 11/22/24 Company: EFA-SHL

Received by: Cheyenne Forrest Company: _____

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260461-1

Login Number: 260461

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5,-0.2,-0.7,-0.2,-2.0,-1.6,-1.9,-1.8,2.7 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: 500-260461-1

Client Sample ID: MW-14

Date Collected: 11/18/24 13:45

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798722	RN	EET CHI	12/09/24 13:51
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:13
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 07:53
Total/NA	Analysis	300.0		100	798763	MM	EET CHI	12/10/24 23:14
Total/NA	Analysis	300.0		20	799158	MB	EET CHI	12/12/24 17:18
Total/NA	Analysis	SM 2540C		1	796611	SO	EET CHI	11/22/24 09:12
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:29

Client Sample ID: MW-15

Date Collected: 11/18/24 15:28

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798722	RN	EET CHI	12/09/24 13:43
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:08
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 07:55
Total/NA	Analysis	300.0		20	798763	MM	EET CHI	12/11/24 00:01
Total/NA	Analysis	SM 2540C		1	796611	SO	EET CHI	11/22/24 09:15
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:33

Client Sample ID: MW-21D

Date Collected: 11/18/24 12:35

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798722	RN	EET CHI	12/09/24 13:47
Total Recoverable	Prep	3005A			798105	S1Z	EET CHI	12/05/24 09:13 - 12/05/24 15:13 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:10
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 07:57
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 00:16
Total/NA	Analysis	SM 2540C		1	796611	SO	EET CHI	11/22/24 09:18
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:38

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: Duplicate

Lab Sample ID: 500-260461-4

Date Collected: 11/19/24 00:00

Matrix: Water

Date Received: 11/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:07
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 07:59
Total/NA	Analysis	300.0		5	798763	MM	EET CHI	12/11/24 00:32
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:34
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:44

Client Sample ID: MW-02

Lab Sample ID: 500-260461-5

Date Collected: 11/19/24 11:02

Matrix: Water

Date Received: 11/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:10
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:02
Total/NA	Analysis	300.0		5	798763	MM	EET CHI	12/11/24 00:48
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:36
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:48

Client Sample ID: MW-03

Lab Sample ID: 500-260461-6

Date Collected: 11/19/24 12:06

Matrix: Water

Date Received: 11/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:12
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:04
Total/NA	Analysis	300.0		5	798763	MM	EET CHI	12/11/24 01:03
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:39
Total/NA	Analysis	SM 4500 F C		1	797536	ER	EET CHI	11/27/24 16:53

Client Sample ID: MW-04

Lab Sample ID: 500-260461-7

Date Collected: 11/19/24 13:55

Matrix: Water

Date Received: 11/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:14
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:37
Total/NA	Analysis	300.0		5	798763	MM	EET CHI	12/11/24 01:50

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-04

Date Collected: 11/19/24 13:55

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:42
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 15:39

Client Sample ID: MW-05

Date Collected: 11/19/24 15:02

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:17
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:48
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 02:06
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:44
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 15:44

Client Sample ID: MW-06

Date Collected: 11/19/24 16:09

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:19
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:50
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 02:21
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:47
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 15:48

Client Sample ID: MW-18

Date Collected: 11/19/24 10:03

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:26
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:52
Total/NA	Analysis	300.0		5	798763	MM	EET CHI	12/11/24 02:37
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:49
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 16:06

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-18A

Date Collected: 11/19/24 08:44

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:29
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:54
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 02:52
Total/NA	Analysis	SM 2540C		1	796786	CLB	EET CHI	11/25/24 05:52
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 16:10

Client Sample ID: MW-12R

Date Collected: 11/20/24 12:51

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:31
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:56
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 03:08
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:13
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 16:17

Client Sample ID: MW-07

Date Collected: 11/20/24 09:08

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:33
Total/NA	Prep	7470A			798953	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 08:59
Total/NA	Analysis	300.0		1	798763	MM	EET CHI	12/11/24 03:23
Total/NA	Analysis	300.0		10	799158	MB	EET CHI	12/12/24 18:39
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:20
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 16:23

Client Sample ID: MW-09

Date Collected: 11/20/24 11:34

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:36
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:05

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-09

Date Collected: 11/20/24 11:34

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 03:39
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:26
Total/NA	Analysis	SM 4500 F C		1	797725	SO	EET CHI	12/02/24 16:40

Client Sample ID: MW-11

Date Collected: 11/20/24 14:07

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:38
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:07
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 03:55
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:28
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 14:40

Client Sample ID: MW-16

Date Collected: 11/20/24 10:14

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:40
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:14
Total/NA	Analysis	300.0		1	798763	MM	EET CHI	12/11/24 04:10
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:31
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 14:56

Client Sample ID: MW-22

Date Collected: 11/20/24 15:28

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798274	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798419	RN	EET CHI	12/06/24 13:43
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:16
Total/NA	Analysis	300.0		10	798763	MM	EET CHI	12/11/24 04:57
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:33
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:01

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-19

Date Collected: 11/20/24 16:18

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:21
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:04
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:18
Total/NA	Analysis	300.0		5	798788	MM	EET CHI	12/11/24 08:04
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:36
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:06

Client Sample ID: Duplicate 2

Date Collected: 11/20/24 00:00

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:38
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:17
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:21
Total/NA	Analysis	300.0		1	798788	MM	EET CHI	12/11/24 08:51
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:39
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:10

Client Sample ID: MW-13

Date Collected: 11/21/24 09:27

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:41
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:19
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:23
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 09:07
Total/NA	Analysis	SM 2540C		1	796787	CLB	EET CHI	11/25/24 06:41
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:14

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-17

Date Collected: 11/21/24 10:42

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:43
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:22
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:25
Total/NA	Analysis	300.0		20	798788	MM	EET CHI	12/11/24 09:22
Total/NA	Analysis	SM 2540C		1	797032	CLB	EET CHI	11/26/24 02:06
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:30

Client Sample ID: MW-08

Date Collected: 11/21/24 12:09

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:46
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:29
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:27
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 09:38
Total/NA	Analysis	SM 2540C		1	797032	CLB	EET CHI	11/26/24 02:09
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:35

Client Sample ID: MW-01

Date Collected: 11/21/24 13:30

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:48
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:32
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:29
Total/NA	Analysis	300.0		5	798788	MM	EET CHI	12/11/24 09:53
Total/NA	Analysis	SM 2540C		1	797032	CLB	EET CHI	11/26/24 02:11
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:40

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-1

Client Sample ID: MW-10

Date Collected: 11/21/24 15:14

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:51
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:34
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:43
Total/NA	Analysis	300.0		5	798788	MM	EET CHI	12/11/24 15:27
Total/NA	Analysis	SM 2540C		1	797032	CLB	EET CHI	11/26/24 02:14
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:45

Client Sample ID: Duplicate 3

Date Collected: 11/21/24 00:00

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798542	RN	EET CHI	12/06/24 19:53
Total Recoverable	Prep	3005A			798276	S1Z	EET CHI	12/05/24 22:15 - 12/06/24 04:15 ¹
Total Recoverable	Analysis	6020B		1	798633	RN	EET CHI	12/09/24 13:37
Total/NA	Prep	7470A			798954	MJG	EET CHI	12/11/24 10:45 - 12/11/24 12:45 ¹
Total/NA	Analysis	7470A		1	799174	MJG	EET CHI	12/12/24 09:45
Total/NA	Analysis	300.0		10	798788	MM	EET CHI	12/11/24 15:43
Total/NA	Analysis	SM 2540C		1	797032	CLB	EET CHI	11/26/24 02:17
Total/NA	Analysis	SM 4500 F C		1	798114	SO	EET CHI	12/03/24 15:49

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

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 500-260461-1

Laboratory: Eurofins Chicago

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

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

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/2/2025 8:59:56 AM

JOB DESCRIPTION

Powerton CCR (RAD)

JOB NUMBER

500-260461-2

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.

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Case Narrative

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

Job ID: 500-260461-2

Job ID: 500-260461-2

Eurofins Chicago

Job Narrative 500-260461-2

Receipt

The samples were received on 11/20/24 10:00. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were -2.0° C, -1.9° C, -1.8° C, -1.6° C, -0.7° C, -0.2° C, -0.2° C, 2.7° C and 5.5° 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-14 (500-260461-1). The samples were adjusted to the appropriate pH in the laboratory.

Affected containers:

E-1
G-1

Received sample 19 not on COC. Added to COC and logged in.

RAD

Method 904.0: Radium-228 prep batch 160-690777:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: MW-21D (500-260461-3). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 prep batch 160-690777:

The MDC for the following sample is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. (240-214947-AD-2-B)

Method PrecSep_0: Radium-228 prep batch 160-694543:

The LCS and/or LCSD were spiked with RA-226_00043 in case of a Ra-226 RE.

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: 500-260461-2

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: 500-260461-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-260461-1	MW-14	Water	11/18/24 13:45	11/20/24 10:00
500-260461-2	MW-15	Water	11/18/24 15:28	11/20/24 10:00
500-260461-3	MW-21D	Water	11/18/24 12:35	11/20/24 10:00
500-260461-4	Duplicate	Water	11/19/24 00:00	11/20/24 10:00
500-260461-5	MW-02	Water	11/19/24 11:02	11/20/24 10:00
500-260461-6	MW-03	Water	11/19/24 12:06	11/20/24 10:00
500-260461-7	MW-04	Water	11/19/24 13:55	11/20/24 10:00
500-260461-8	MW-05	Water	11/19/24 15:02	11/20/24 10:00
500-260461-9	MW-06	Water	11/19/24 16:09	11/20/24 10:00
500-260461-10	MW-18	Water	11/19/24 10:03	11/20/24 10:00
500-260461-11	MW-18A	Water	11/19/24 08:44	11/20/24 10:00
500-260461-12	MW-12R	Water	11/20/24 12:51	11/21/24 09:50
500-260461-13	MW-07	Water	11/20/24 09:08	11/21/24 09:50
500-260461-14	MW-09	Water	11/20/24 11:34	11/21/24 09:50
500-260461-15	MW-11	Water	11/20/24 14:07	11/21/24 09:50
500-260461-16	MW-16	Water	11/20/24 10:14	11/21/24 09:50
500-260461-17	MW-22	Water	11/20/24 15:28	11/21/24 09:50
500-260461-18	MW-19	Water	11/20/24 16:18	11/21/24 09:50
500-260461-19	Duplicate 2	Water	11/20/24 00:00	11/21/24 09:50
500-260461-20	MW-13	Water	11/21/24 09:27	11/22/24 09:35
500-260461-21	MW-17	Water	11/21/24 10:42	11/22/24 09:35
500-260461-22	MW-08	Water	11/21/24 12:09	11/22/24 09:35
500-260461-23	MW-01	Water	11/21/24 13:30	11/22/24 09:35
500-260461-24	MW-10	Water	11/21/24 15:14	11/22/24 09:35
500-260461-25	Duplicate 3	Water	11/21/24 00:00	11/22/24 09:35

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-14

Lab Sample ID: 500-260461-1

Date Collected: 11/18/24 13:45

Matrix: Water

Date Received: 11/20/24 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	0.0938	U	0.0773	0.0778	1.00	0.117	pCi/L	11/27/24 08:35	12/27/24 07:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					11/27/24 08:35	12/27/24 07:05	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	0.545	U	0.497	0.499	1.00	0.786	pCi/L	11/27/24 08:38	12/12/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					11/27/24 08:38	12/12/24 14:56	1
Y Carrier	80.0		30 - 110					11/27/24 08:38	12/12/24 14:56	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	0.639	U	0.503	0.505	5.00	0.786	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-15

Lab Sample ID: 500-260461-2

Date Collected: 11/18/24 15:28

Matrix: Water

Date Received: 11/20/24 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	0.127		0.0811	0.0819	1.00	0.112	pCi/L	11/27/24 08:35	12/27/24 07:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					11/27/24 08:35	12/27/24 07:05	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	0.0688	U	0.442	0.442	1.00	0.816	pCi/L	11/27/24 08:38	12/12/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					11/27/24 08:38	12/12/24 14:56	1
Y Carrier	75.5		30 - 110					11/27/24 08:38	12/12/24 14:56	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	0.196	U	0.449	0.450	5.00	0.816	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-21D

Lab Sample ID: 500-260461-3

Date Collected: 11/18/24 12:35

Matrix: Water

Date Received: 11/20/24 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	0.251		0.149	0.151	1.00	0.196	pCi/L	11/27/24 08:35	12/27/24 07:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					11/27/24 08:35	12/27/24 07:05	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	0.844	U G	1.01	1.02	1.00	1.67	pCi/L	11/27/24 08:38	12/12/24 14:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					11/27/24 08:38	12/12/24 14:56	1
Y Carrier	74.8		30 - 110					11/27/24 08:38	12/12/24 14:56	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	1.09	U	1.02	1.03	5.00	1.67	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: Duplicate

Lab Sample ID: 500-260461-4

Date Collected: 11/19/24 00:00

Matrix: Water

Date Received: 11/20/24 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	0.0174	U	0.0693	0.0693	1.00	0.132	pCi/L	12/02/24 08:05	12/26/24 17:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					12/02/24 08:05	12/26/24 17:34	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	0.843		0.548	0.554	1.00	0.802	pCi/L	12/02/24 08:10	12/18/24 14:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					12/02/24 08:10	12/18/24 14:53	1
Y Carrier	80.0		30 - 110					12/02/24 08:10	12/18/24 14:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.860		0.552	0.558	5.00	0.802	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-02

Lab Sample ID: 500-260461-5

Date Collected: 11/19/24 11:02

Matrix: Water

Date Received: 11/20/24 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	0.0912	U	0.0947	0.0951	1.00	0.151	pCi/L	12/02/24 08:05	12/26/24 17:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.5		30 - 110					12/02/24 08:05	12/26/24 17:34	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	0.347	U	0.310	0.311	1.00	0.489	pCi/L	12/19/24 08:28	12/26/24 12:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.4		30 - 110					12/19/24 08:28	12/26/24 12:16	1
Y Carrier	89.3		30 - 110					12/19/24 08:28	12/26/24 12:16	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	0.438	U	0.324	0.325	5.00	0.489	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-03

Lab Sample ID: 500-260461-6

Date Collected: 11/19/24 12:06

Matrix: Water

Date Received: 11/20/24 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	0.0393	U	0.0851	0.0852	1.00	0.152	pCi/L	12/02/24 08:05	12/26/24 17:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.7		30 - 110					12/02/24 08:05	12/26/24 17:34	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	-0.105	U	0.454	0.454	1.00	0.887	pCi/L	12/02/24 08:10	12/18/24 14:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.7		30 - 110					12/02/24 08:10	12/18/24 14:53	1
Y Carrier	80.4		30 - 110					12/02/24 08:10	12/18/24 14:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0657	U	0.462	0.462	5.00	0.887	pCi/L		12/30/24 22:48	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-04

Lab Sample ID: 500-260461-7

Date Collected: 11/19/24 13:55

Matrix: Water

Date Received: 11/20/24 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	0.00228	U	0.0477	0.0477	1.00	0.100	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.1		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.372	U	0.343	0.345	1.00	0.545	pCi/L	12/02/24 08:17	12/19/24 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.1		30 - 110					12/02/24 08:17	12/19/24 12:28	1
Y Carrier	83.7		30 - 110					12/02/24 08:17	12/19/24 12:28	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.375	U	0.346	0.348	5.00	0.545	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-05

Date Collected: 11/19/24 15:02

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-8

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0838	U	0.110	0.111	1.00	0.184	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.760		0.480	0.485	1.00	0.709	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	78.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.844		0.492	0.498	5.00	0.709	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-06

Lab Sample ID: 500-260461-9

Date Collected: 11/19/24 16:09

Matrix: Water

Date Received: 11/20/24 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	0.0826	U	0.0807	0.0810	1.00	0.125	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.108	U	0.417	0.417	1.00	0.748	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	79.6		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.190	U	0.425	0.425	5.00	0.748	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-18

Lab Sample ID: 500-260461-10

Date Collected: 11/19/24 10:03

Matrix: Water

Date Received: 11/20/24 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	0.157	U	0.127	0.128	1.00	0.188	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.271	U	0.451	0.451	1.00	0.772	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	87.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.428	U	0.469	0.469	5.00	0.772	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-18A

Lab Sample ID: 500-260461-11

Date Collected: 11/19/24 08:44

Matrix: Water

Date Received: 11/20/24 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	0.410		0.163	0.167	1.00	0.172	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.792		0.535	0.540	1.00	0.785	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	81.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.20		0.559	0.565	5.00	0.785	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-12R

Lab Sample ID: 500-260461-12

Date Collected: 11/20/24 12:51

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.631		0.204	0.212	1.00	0.205	pCi/L	12/02/24 08:13	12/27/24 09:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.9		30 - 110					12/02/24 08:13	12/27/24 09:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.11		0.654	0.662	1.00	0.950	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	83.0		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.74		0.685	0.695	5.00	0.950	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-07

Lab Sample ID: 500-260461-13

Date Collected: 11/20/24 09:08

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.544		0.166	0.173	1.00	0.162	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.1		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.963		0.569	0.576	1.00	0.834	pCi/L	12/02/24 08:17	12/19/24 12:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.1		30 - 110					12/02/24 08:17	12/19/24 12:29	1
Y Carrier	81.9		30 - 110					12/02/24 08:17	12/19/24 12:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.51		0.593	0.601	5.00	0.834	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-09

Lab Sample ID: 500-260461-14

Date Collected: 11/20/24 11:34

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00717	U	0.0691	0.0691	1.00	0.140	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.5		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.426	U	0.346	0.348	1.00	0.533	pCi/L	12/02/24 08:17	12/19/24 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.5		30 - 110					12/02/24 08:17	12/19/24 12:30	1
Y Carrier	85.2		30 - 110					12/02/24 08:17	12/19/24 12:30	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	0.419	U	0.353	0.355	5.00	0.533	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-11

Lab Sample ID: 500-260461-15

Date Collected: 11/20/24 14:07

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153		0.0937	0.0947	1.00	0.127	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.372	0.375	1.00	0.573	pCi/L	12/02/24 08:17	12/19/24 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					12/02/24 08:17	12/19/24 12:30	1
Y Carrier	86.4		30 - 110					12/02/24 08:17	12/19/24 12:30	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	0.627		0.384	0.387	5.00	0.573	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-16

Lab Sample ID: 500-260461-16

Date Collected: 11/20/24 10:14

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0449	U	0.0750	0.0751	1.00	0.131	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.9		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.710	U	0.494	0.498	1.00	0.746	pCi/L	12/02/24 08:17	12/19/24 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.9		30 - 110					12/02/24 08:17	12/19/24 12:30	1
Y Carrier	81.1		30 - 110					12/02/24 08:17	12/19/24 12:30	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	0.755		0.500	0.504	5.00	0.746	pCi/L		12/31/24 09:38	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-22

Lab Sample ID: 500-260461-17

Date Collected: 11/20/24 15:28

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.360		0.134	0.138	1.00	0.142	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.1		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.447	U	0.445	0.447	1.00	0.715	pCi/L	12/02/24 08:17	12/19/24 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.1		30 - 110					12/02/24 08:17	12/19/24 12:30	1
Y Carrier	85.2		30 - 110					12/02/24 08:17	12/19/24 12:30	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	0.807		0.465	0.468	5.00	0.715	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-19

Lab Sample ID: 500-260461-18

Date Collected: 11/20/24 16:18

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.167		0.0985	0.0997	1.00	0.129	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.908		0.552	0.558	1.00	0.825	pCi/L	12/02/24 08:17	12/19/24 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					12/02/24 08:17	12/19/24 12:30	1
Y Carrier	81.9		30 - 110					12/02/24 08:17	12/19/24 12:30	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	1.08		0.561	0.567	5.00	0.825	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: Duplicate 2

Lab Sample ID: 500-260461-19

Date Collected: 11/20/24 00:00

Matrix: Water

Date Received: 11/21/24 09:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0415	U	0.0776	0.0777	1.00	0.137	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.172	U	0.363	0.363	1.00	0.629	pCi/L	12/02/24 08:17	12/19/24 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					12/02/24 08:17	12/19/24 12:27	1
Y Carrier	84.9		30 - 110					12/02/24 08:17	12/19/24 12:27	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	0.214	U	0.371	0.371	5.00	0.629	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-13

Lab Sample ID: 500-260461-20

Date Collected: 11/21/24 09:27

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.226		0.116	0.118	1.00	0.144	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.8		30 - 110					12/02/24 08:13	12/27/24 09:18	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	0.0415	U	0.407	0.407	1.00	0.749	pCi/L	12/02/24 08:17	12/19/24 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.8		30 - 110					12/02/24 08:17	12/19/24 12:27	1
Y Carrier	81.5		30 - 110					12/02/24 08:17	12/19/24 12:27	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	0.268	U	0.423	0.424	5.00	0.749	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-17

Lab Sample ID: 500-260461-21

Date Collected: 11/21/24 10:42

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0922	U	0.0897	0.0901	1.00	0.140	pCi/L	12/02/24 08:13	12/27/24 09:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.1		30 - 110					12/02/24 08:13	12/27/24 09:18	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	-0.00301	U	0.437	0.437	1.00	0.809	pCi/L	12/02/24 08:17	12/19/24 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.1		30 - 110					12/02/24 08:17	12/19/24 12:27	1
Y Carrier	80.7		30 - 110					12/02/24 08:17	12/19/24 12:27	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	0.0892	U	0.446	0.446	5.00	0.809	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-08

Lab Sample ID: 500-260461-22

Date Collected: 11/21/24 12:09

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.190		0.0974	0.0989	1.00	0.115	pCi/L	12/02/24 08:13	12/27/24 14:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/02/24 08:13	12/27/24 14:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.478	U	0.451	0.454	1.00	0.720	pCi/L	12/02/24 08:17	12/19/24 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/02/24 08:17	12/19/24 12:27	1
Y Carrier	76.6		30 - 110					12/02/24 08:17	12/19/24 12:27	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	0.668	U	0.461	0.465	5.00	0.720	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-01

Lab Sample ID: 500-260461-23

Date Collected: 11/21/24 13:30

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138		0.0884	0.0892	1.00	0.119	pCi/L	12/02/24 08:13	12/27/24 14:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.5		30 - 110					12/02/24 08:13	12/27/24 14:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.598		0.393	0.397	1.00	0.579	pCi/L	12/02/24 08:17	12/19/24 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.5		30 - 110					12/02/24 08:17	12/19/24 12:27	1
Y Carrier	81.1		30 - 110					12/02/24 08:17	12/19/24 12:27	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	0.736		0.403	0.407	5.00	0.579	pCi/L		12/31/24 15:13	1

Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: MW-10

Lab Sample ID: 500-260461-24

Date Collected: 11/21/24 15:14

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.212		0.120	0.121	1.00	0.164	pCi/L	12/02/24 08:13	12/27/24 14:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/02/24 08:13	12/27/24 14:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.747		0.438	0.444	1.00	0.636	pCi/L	12/02/24 08:17	12/19/24 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					12/02/24 08:17	12/19/24 12:28	1
Y Carrier	89.3		30 - 110					12/02/24 08:17	12/19/24 12:28	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.958		0.454	0.460	5.00	0.636	pCi/L		12/31/24 15:13	1

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Client Sample Results

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

Job ID: 500-260461-2

Client Sample ID: Duplicate 3

Lab Sample ID: 500-260461-25

Date Collected: 11/21/24 00:00

Matrix: Water

Date Received: 11/22/24 09:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0255	U	0.0771	0.0771	1.00	0.143	pCi/L	12/02/24 08:13	12/27/24 14:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					12/02/24 08:13	12/27/24 14:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0183	U	0.348	0.348	1.00	0.656	pCi/L	12/02/24 08:17	12/19/24 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					12/02/24 08:17	12/19/24 12:28	1
Y Carrier	85.2		30 - 110					12/02/24 08:17	12/19/24 12:28	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.00713	U	0.356	0.356	5.00	0.656	pCi/L		12/31/24 15:13	1

Definitions/Glossary

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

Job ID: 500-260461-2

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: 500-260461-2

Rad

Prep Batch: 690776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	PrecSep-21	
500-260461-2	MW-15	Total/NA	Water	PrecSep-21	
500-260461-3	MW-21D	Total/NA	Water	PrecSep-21	
MB 160-690776/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-690776/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 690777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-1	MW-14	Total/NA	Water	PrecSep_0	
500-260461-2	MW-15	Total/NA	Water	PrecSep_0	
500-260461-3	MW-21D	Total/NA	Water	PrecSep_0	
MB 160-690777/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-690777/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 691387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-4	Duplicate	Total/NA	Water	PrecSep-21	
500-260461-5	MW-02	Total/NA	Water	PrecSep-21	
500-260461-6	MW-03	Total/NA	Water	PrecSep-21	
MB 160-691387/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-691387/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 691391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-4	Duplicate	Total/NA	Water	PrecSep_0	
500-260461-6	MW-03	Total/NA	Water	PrecSep_0	
MB 160-691391/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-691391/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 691393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-7	MW-04	Total/NA	Water	PrecSep-21	
500-260461-8	MW-05	Total/NA	Water	PrecSep-21	
500-260461-9	MW-06	Total/NA	Water	PrecSep-21	
500-260461-10	MW-18	Total/NA	Water	PrecSep-21	
500-260461-11	MW-18A	Total/NA	Water	PrecSep-21	
500-260461-12	MW-12R	Total/NA	Water	PrecSep-21	
500-260461-13	MW-07	Total/NA	Water	PrecSep-21	
500-260461-14	MW-09	Total/NA	Water	PrecSep-21	
500-260461-15	MW-11	Total/NA	Water	PrecSep-21	
500-260461-16	MW-16	Total/NA	Water	PrecSep-21	
500-260461-17	MW-22	Total/NA	Water	PrecSep-21	
500-260461-18	MW-19	Total/NA	Water	PrecSep-21	
500-260461-19	Duplicate 2	Total/NA	Water	PrecSep-21	
500-260461-20	MW-13	Total/NA	Water	PrecSep-21	
500-260461-21	MW-17	Total/NA	Water	PrecSep-21	
500-260461-22	MW-08	Total/NA	Water	PrecSep-21	
500-260461-23	MW-01	Total/NA	Water	PrecSep-21	
500-260461-24	MW-10	Total/NA	Water	PrecSep-21	
500-260461-25	Duplicate 3	Total/NA	Water	PrecSep-21	
MB 160-691393/1-A	Method Blank	Total/NA	Water	PrecSep-21	

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QC Association Summary

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

Job ID: 500-260461-2

Rad (Continued)

Prep Batch: 691393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-691393/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-260461-7 DU	MW-04	Total/NA	Water	PrecSep-21	

Prep Batch: 691394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-7	MW-04	Total/NA	Water	PrecSep_0	
500-260461-8	MW-05	Total/NA	Water	PrecSep_0	
500-260461-9	MW-06	Total/NA	Water	PrecSep_0	
500-260461-10	MW-18	Total/NA	Water	PrecSep_0	
500-260461-11	MW-18A	Total/NA	Water	PrecSep_0	
500-260461-12	MW-12R	Total/NA	Water	PrecSep_0	
500-260461-13	MW-07	Total/NA	Water	PrecSep_0	
500-260461-14	MW-09	Total/NA	Water	PrecSep_0	
500-260461-15	MW-11	Total/NA	Water	PrecSep_0	
500-260461-16	MW-16	Total/NA	Water	PrecSep_0	
500-260461-17	MW-22	Total/NA	Water	PrecSep_0	
500-260461-18	MW-19	Total/NA	Water	PrecSep_0	
500-260461-19	Duplicate 2	Total/NA	Water	PrecSep_0	
500-260461-20	MW-13	Total/NA	Water	PrecSep_0	
500-260461-21	MW-17	Total/NA	Water	PrecSep_0	
500-260461-22	MW-08	Total/NA	Water	PrecSep_0	
500-260461-23	MW-01	Total/NA	Water	PrecSep_0	
500-260461-24	MW-10	Total/NA	Water	PrecSep_0	
500-260461-25	Duplicate 3	Total/NA	Water	PrecSep_0	
MB 160-691394/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-691394/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-260461-7 DU	MW-04	Total/NA	Water	PrecSep_0	

Prep Batch: 694543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-260461-5	MW-02	Total/NA	Water	PrecSep_0	
MB 160-694543/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-694543/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

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

Job ID: 500-260461-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-690776/1-A

Matrix: Water

Analysis Batch: 695576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 690776

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0000	U	0.0444	0.0444	1.00	0.0941	pCi/L	11/27/24 08:35	12/27/24 06:59	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					11/27/24 08:35	12/27/24 06:59	1

Lab Sample ID: LCS 160-690776/2-A

Matrix: Water

Analysis Batch: 695576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 690776

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.939		1.05	1.00	0.107	pCi/L	104	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	78.4		30 - 110							

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

Matrix: Water

Analysis Batch: 695377

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 691387

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08709	U	0.0777	0.0781	1.00	0.116	pCi/L	12/02/24 08:05	12/26/24 15:43	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:05	12/26/24 15:43	1

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

Matrix: Water

Analysis Batch: 695377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 691387

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

Lab Sample ID: MB 160-691393/1-A

Matrix: Water

Analysis Batch: 695577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 691393

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.06156	U	0.0634	0.0637	1.00	0.0985	pCi/L	12/02/24 08:13	12/27/24 09:19	1

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QC Sample Results

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

Job ID: 500-260461-2

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

Lab Sample ID: MB 160-691393/1-A
Matrix: Water
Analysis Batch: 695577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 691393

	MB	MB									
Carrier	%Yield	Qualifier	Limits		Prepared	Analyzed	Dil Fac				
Ba Carrier	88.8		30 - 110		12/02/24 08:13	12/27/24 09:19	1				

Lab Sample ID: LCS 160-691393/2-A
Matrix: Water
Analysis Batch: 695577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 691393

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226		9.58	8.909		0.972	1.00	0.112	pCi/L	93	75 - 125		

	LCS	LCS		
Carrier	%Yield	Qualifier	Limits	
Ba Carrier	84.5		30 - 110	

Lab Sample ID: 500-260461-7 DU
Matrix: Water
Analysis Batch: 695577

Client Sample ID: MW-04
Prep Type: Total/NA
Prep Batch: 691393

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit		RER	RER Limit
Radium-226	0.00228	U	0.01625	U	0.0643	1.00	0.124	pCi/L		0.12	1

	DU	DU		
Carrier	%Yield	Qualifier	Limits	
Ba Carrier	81.7		30 - 110	

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-690777/1-A
Matrix: Water
Analysis Batch: 693288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 690777

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.005335	U	0.296	0.296	1.00	0.565	pCi/L	11/27/24 08:38	12/12/24 12:29	1

	MB	MB								
Carrier	%Yield	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	85.5		30 - 110		11/27/24 08:38	12/12/24 12:29	1			
Y Carrier	81.9		30 - 110		11/27/24 08:38	12/12/24 12:29	1			

Lab Sample ID: LCS 160-690777/2-A
Matrix: Water
Analysis Batch: 693288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 690777

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228		8.27	9.907		1.49	1.00	0.747	pCi/L	120	75 - 125		

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QC Sample Results

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

Job ID: 500-260461-2

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

Lab Sample ID: LCS 160-690777/2-A
Matrix: Water
Analysis Batch: 693288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 690777

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.4		30 - 110
Y Carrier	73.6		30 - 110

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

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

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1481	U	0.313	0.314	1.00	0.654	pCi/L	12/02/24 08:10	12/18/24 12:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					12/02/24 08:10	12/18/24 12:35	1
Y Carrier	78.5		30 - 110					12/02/24 08:10	12/18/24 12:35	1

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

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

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

Lab Sample ID: MB 160-691394/1-A
Matrix: Water
Analysis Batch: 694579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 691394

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.06242	U	0.365	0.365	1.00	0.657	pCi/L	12/02/24 08:17	12/19/24 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					12/02/24 08:17	12/19/24 12:28	1
Y Carrier	86.0		30 - 110					12/02/24 08:17	12/19/24 12:28	1

Lab Sample ID: LCS 160-691394/2-A
Matrix: Water
Analysis Batch: 694579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 691394

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.25	7.668		1.18	1.00	0.661	pCi/L	93	75 - 125

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QC Sample Results

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

Job ID: 500-260461-2

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

Lab Sample ID: LCS 160-691394/2-A

Matrix: Water

Analysis Batch: 694579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 691394

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	84.5		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 500-260461-7 DU

Matrix: Water

Analysis Batch: 694579

Client Sample ID: MW-04

Prep Type: Total/NA

Prep Batch: 691394

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-228	0.372	U	0.8658		0.479	1.00	0.666	pCi/L	0.60	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	81.7		30 - 110
Y Carrier	75.9		30 - 110

Lab Sample ID: MB 160-694543/1-A

Matrix: Water

Analysis Batch: 695352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 694543

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5759	U	0.389	0.393	1.00	0.581	pCi/L	12/19/24 08:28	12/26/24 12:15	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110	12/19/24 08:28	12/26/24 12:15	1
Y Carrier	81.5		30 - 110	12/19/24 08:28	12/26/24 12:15	1

Lab Sample ID: LCS 160-694543/2-A

Matrix: Water

Analysis Batch: 695352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 694543

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limit
Radium-228	8.23	8.423		1.16	1.00	0.463	pCi/L	102	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	95.4		30 - 110
Y Carrier	87.9		30 - 110

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2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record

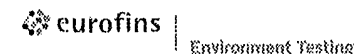
MKE 232



Environment Testing

Client Information		Sampler <i>Kaelyn Sperle</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-129749-49657 2					
Client Contact Kaelyn Sperle		Phone: <i>262-278-1621</i>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <i>IL</i>		Page Page 2 of 3 - 1 of 1					
Company KPRG and Associates, Inc.		PWSID		Analysis Requested									
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested <i>Standard</i>		 500-260461 COC									
City Brookfield		TAT Requested (days) <i>standard</i>											
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		Total Number of containers: Other									
Site		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	500-260461 COC	Special Instructions/Note:
MW-12					Water								
MW-13					Water								
1 MW-14		11/18/24	1345	G	Water	N	N	X	X	X	X		7
2 MW-15		11/18/24	1528	G	Water	N	N	X	X	X	X		7
MW-16					Water								
MW-17					Water								
MW-18					Water								
MW-19					Water								
MW-20					Water								
MW-21					Water								
3 MW-21D		11/18/24	1235	G	Water	N	N	X	X	X	X		7
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by		Date		Time		Method of Shipment							
Relinquished by: <i>Kaelyn Sperle</i>		Date/Time: 11/18/24/1720		Company: KPRG		Received by: FedEx		Date/Time: 11/18/24/1720		Company: FedEx			
Relinquished by:		Date/Time:		Company:		Received by: Stephanie Hemminger		Date/Time: 11/20/24 1000		Company: FEDEX			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>6.1 + 5.5</i>									

MIKE 232



Client Information		Sampler Kaelyn Sperle		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-129749-49657 1									
Client Contact Kaelyn Sperle		Phone: 262-278-1621		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: IL		Page Page 1 of 1									
Company KPRG and Associates, Inc.		PWSID		Analysis Requested						Job #: 506-260461							
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested Standard								Preservation Codes: D - HNO3 N - None							
City Brookfield		TAT Requested (days) Standard															
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								Other:							
Site:		SSOW#:															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)						Total Number of Containers	Special Instructions/Note:				
						Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_C1_E	SM4500_SO4_E - Sulfate							
MW-01 Duplicate 1		11/19/24	-	G	Water	N	N	X	X	X	X						
MW-02		11/19/24	1102		Water	N	N	X	X	X	X						
MW-03		11/19/24	1206		Water	N	N	X	X	X	X						
MW-04		11/19/24	1355		Water	N	N	X	X	X	X						
MW-05		11/19/24	1502		Water	N	N	X	X	X	X						
MW-06		11/19/24	1609		Water	N	N	X	X	X	X						
MW-07 MW-18		11/19/24	1003		Water	N	N	X	X	X	X						
MW-08 MW-18A		11/19/24	0844		Water	N	N	X	X	X	X						
MW-09					Water	N	N	X	X	X	X						
MW-10					Water	N	N	X	X	X	X						
MW-11					Water	N	N	X	X	X	X						
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: Kaelyn Sperle			Date/Time: 11/19/24/1745			Company: KPRG			Received by: FedEx			Date/Time: 11/19/24/1745			Company: FedEx		
Relinquished by:			Date/Time:			Company:			Received by: Stephanie Hernandez			Date/Time: 11/20/24 1000			Company: EEIA		
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. 0.1+-0.2, -0.4+-0.7, 0.1+-0.2													

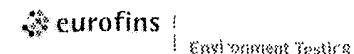
MIKE 232

[illegible]

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

Chain of Custody Record

MKE 232



Client Information		Sampler Kaelyn Sperle		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500-129749 49657 3				
Client Contact Kaelyn Sperle		Phone 262-278-1621		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin IL		Page Page 2 of 1				
Company KPRG and Associates Inc.		PWSID				tested		Job # 500-260461				
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested Standard						Preservation Codes D HNO3 N None				
City Brookfield		TAT Requested (days) standard										
State, Zip: WI, 53005		Compliance Project Δ Yes Δ No										
Phone 262-781-0475(Tel)		PO # 4502160845										
Email kaelyns@kprginc.com		WO #										
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project # 50011612										
Site		SSOW#:										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of Containers	Special Instructions/Note:
				Preservation Code		X X D D N N						
MW-13		11/21/24	0927	G	Water	N N X X X X					7	
MW-17		11/21/24	1042		Water	N N X X X X						
Duplicate 1 MW-08		11/21/24	1209		Water	N N X X X X						
Duplicate 2 MW-01		11/21/24	1330		Water	N N X X X X						
MW-10		11/21/24	1514		Water	N N X X X X						
Duplicate 3		11/21/24	-			N N X X X X						
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 Kaelyn Sperle		Date/Time 11/21/24/1645	Company KPRG		Received by FedEx		Date/Time 11/21/24/1645	Company FedEx				
Relinquished by		Date/Time	Company		Received by Stephanie Hemondy		Date/Time 11/21/24 0935	Company ETA				
Relinquished by		Date/Time	Company		Received by		Date/Time	Company				
Custody Seals Intact Δ Yes Δ No	Custody Seal No					Cooler Temperature(s) °C and Other Remarks -1.5 + -1.0, 2.0 + 2.7						

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

CAD: 0780307/CAFE3855

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

045-017

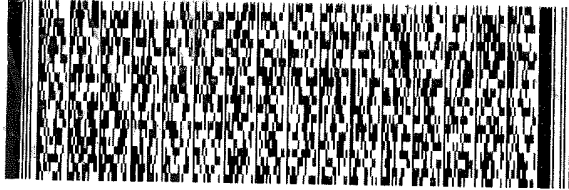
UNIVERSITY PARK IL 60484

(708) 534-5200
INV:
PO:

REF

DEPT

RMA



FedEx
Express



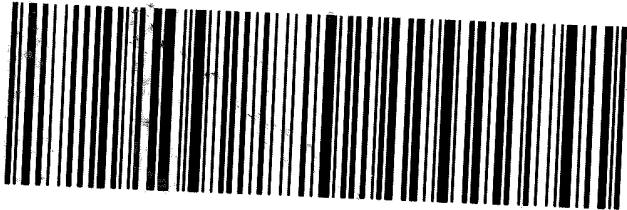
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FedEx
TRK#
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WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484
IL-US ORD



REF: 0780307/CAFE3855
EXP: 02/25

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

CAD: 0780307/CAFE3855

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

045-017

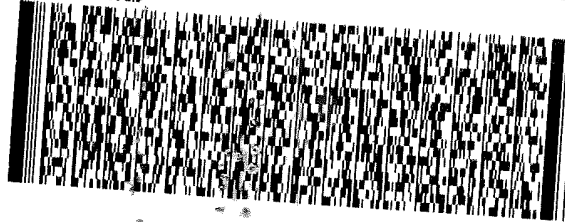
UNIVERSITY PARK IL 60484

(708) 534-5200
INV:
PO:

REF

DEPT

RMA



FedEx
Express



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WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484
IL-US ORD



REF: 0780307/CAFE3855
EXP: 02/25



500-260461 Waybi

ALL ASSOCIATES, INC
30 LISBON ROAD
TEA
WILKFIELD, WI 53005
THE STATES US

PC/MS: 25 00 00 00
CAD: 0780307/CAFE3855

SAMPLE RECEIPT
UROFINS CHICAGO
417 BOND ST.

6.1 → 55

UNIVERSITY PARK IL 60484

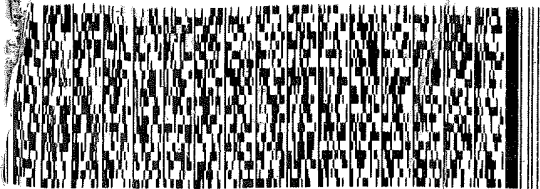
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REF:

DEPT

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J-4 J024070401 UV

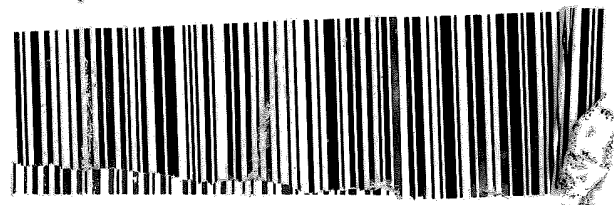
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TUE - 19 NOV 10:30A
PRIORITY OVERNIGHT

KP JOTA

60484
IL-US ORD

EXP 168897-435 RPOB2 EXP 07/25



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

NOV01 23 00 LD 111
CAD: 0780307/CAFE3855

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

011-5-02

UNIVERSITY PARK IL 60484

(708) 534-5200

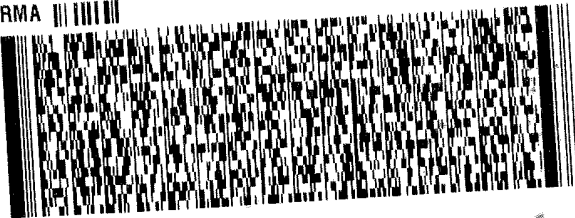
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DEPT:

INU

PG

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FedEx
Express



J24302407040111

FedEx

TRK# **4221 9521 5820**

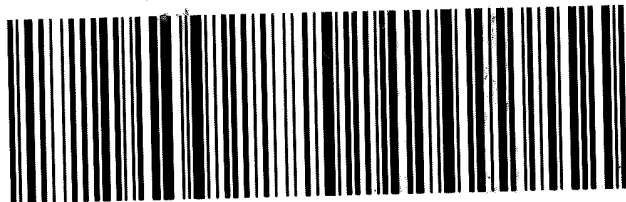
0221

WED - 20 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

IL-US **ORD**



EXP 11/20/25 11:00 PM

DELIVER TO
KPRG AND ASSOCIATES, INC
14685 W. LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTIVITY: 03 00 00
CAD: 0780307/CAF



500-260461 Waybi

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

UNIVERSITY PARK IL 60484

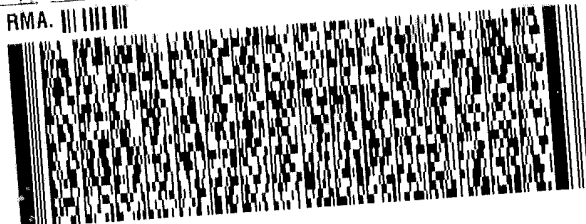
(708) 634-6200

REF

DEPT

THU:
PO:

RMA. 11111111



FedEx
Express



J24302407040101

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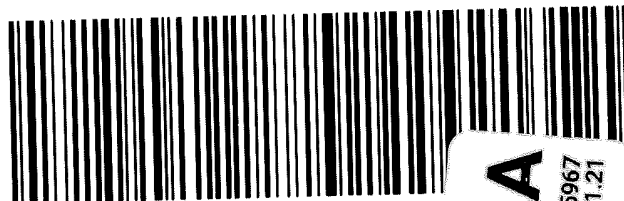
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THU - 21 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

IL-US ORD



A
5967
11.21

DELIVER TO
KPRG AND ASSOCIATES, INC
14685 W. LISBON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTIVITY: 03 00 00
CAD: 0780307/CAFE3855

Page # 139469-434 MTW EXP 02/25

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

UNIVERSITY PARK IL 60484

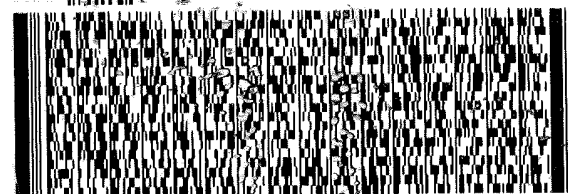
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REF

DEPT

THU:
PO:

RMA. 11111111



FedEx
Express



J24302407040101

FedEx

TRK#
0221

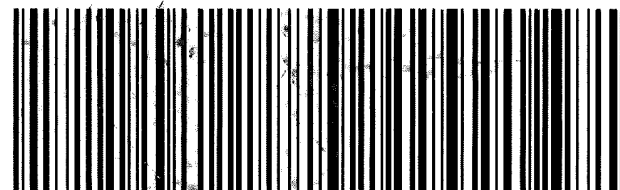
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PRIORITY OVERNIGHT

XP JOTA

60484

IL-US ORD



KPRG AND ASSOCIATES, INC
14685 W. LISAON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

NOT POSTED TO ORDER
CAD: 0780307/CAFE3855

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

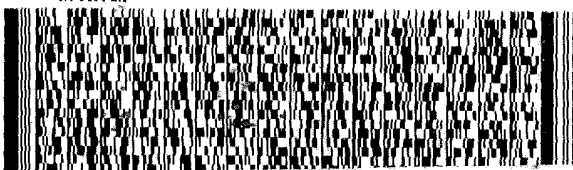
UNIVERSITY PARK IL 60484

(708) 534-5200

REF:

DEPT:

RMA. 11111111



FedEx
Express



FedEx

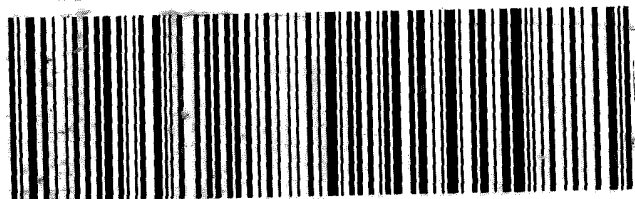
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THU - 21 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484

IL-US ORD



Pat # 159469-434 MTW EXP 02/25

Pat # 159469-434 MTW EXP 07/25

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

DIRECT: ES 00 LB THIN
CAD: 0780307/CAFE3855

TO SAMPLE RECEIPT
EUROFINS CHICAGO
2417 BOND ST.

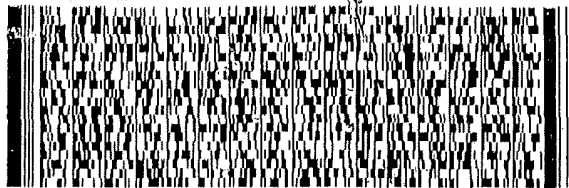
UNIVERSITY PARK IL 60484

(708) 634 5200

REF:

DEPT:

RMA



FedEx
Express



JD4J024071401

TRK# 4221 9521 5772

FedEx

0221 4221 9521 5772

XP JOTA

48QT

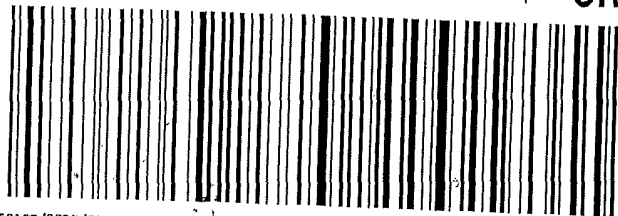
RETURNS MON-SAT
PRIORITY OVERNIGHT
FRI - 22 NOV AA

PRIORITY OVERNIGHT

NSR

60484

IL-US
ORD



581G8/39D3/5FE5

Do Not Lift Using This Tag



FedEx

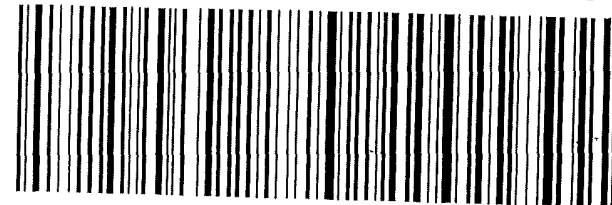
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FRI - 22 NOV A/
PRIORITY OVERNIGHT

500-260461 Waybi

XP JOTA

60484
IL-US
ORD



4275846 21Nov2024 P1AA 581G8/39D3/5FE5

Place Label Here



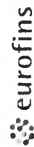
Client Information (Sub Contract Lab)				Lab PM	Carrier Tracking No(s)	COC No
Client Contact				Mockler, Diana J	N/A	500-195492.1
Shipping/Receiving				E-Mail	State of Origin	Page
Company				Diana Mockler@et.eurofins.com	Illinois	Page 1 of 1
Address:				Accreditations Required (See note)		
13715 Rider Trail North,				NELAP - Illinois		
City				Preservation Codes:		
Earth City				N/A		
State, Zip				Other:		
MO, 63045				N/A		
Phone				Total Number of Containers		
314-298-8566(Tel) 314-298-8757(Fax)				3		
Email				Full QC needed (dups, etc) Batch QC must		
N/A				be performed (dup, spikes, etc) - no NCMs		
Project Name				Full QC needed (dups, etc) Batch QC must		
Powertron CCR				be performed (dup, spikes, etc) - no NCMs		
Site				Full QC needed (dups, etc) Batch QC must		
N/A				be performed (dup, spikes, etc) - no NCMs		
Sample Identification - Client ID (Lab ID)				Special Instructions/Note:		
MW-12R (500-260461-12)				Full QC needed (dups, etc) Batch QC must		
MW-07 (500-260461-13)				be performed (dup, spikes, etc) - no NCMs		
MW-09 (500-260461-14)				Full QC needed (dups, etc) Batch QC must		
MW-11 (500-260461-15)				be performed (dup, spikes, etc) - no NCMs		
MW-16 (500-260461-16)				Full QC needed (dups, etc) Batch QC must		
MW-22 (500-260461-17)				be performed (dup, spikes, etc) - no NCMs		
MW-19 (500-260461-18)				Full QC needed (dups, etc) Batch QC must		
Duplicate 2 (500-260461-19)				be performed (dup, spikes, etc) - no NCMs		

Analysis Requested				Special Instructions/Note:	
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Winter, Summer, Spring, Fall, On-Season, Off-Season)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)
11/20/24	12:51 Central	G	Water	X	X
11/20/24	09:08 Central	G	Water	X	X
11/20/24	11:34 Central	G	Water	X	X
11/20/24	14:07 Central	G	Water	X	X
11/20/24	10:14 Central	G	Water	X	X
11/20/24	15:28 Central	G	Water	X	X
11/20/24	16:18 Central	G	Water	X	X
11/20/24	Central	G	Water	X	X

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

Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I, II, III, IV, Other (specify)			
Primary Deliverable Rank: 2			
Empty Kit Relinquished by:			
Relinquished by			
Relinquished by			
Relinquished by			
Custody Seal No.:			
Δ Yes Δ No			

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Mockler, Diana J		Carrier Tracking No(s): N/A		COC No: 500-195398.1	
Client Contact: N/A		Phone: N/A		E-Mail: Diana.Mockler@eurofins.com		State of Origin: Illinois		Page: 1 of 2	
Shipping/Receiving		N/A		N/A		N/A		Job #: 500-260461-2	
Company: TestAmerica Laboratories, Inc.		Address: 13715 Rider Trail North, Earth City, MO, 63045		Phone: 314-298-8566(Tel) 314-298-8757(Fax)		Email: N/A		Preservation Codes:	
Due Date Requested: 12/30/2024		TAT Requested (days): N/A		PO #: N/A		WO #: N/A		Project #: 50011612	
Powerthon CCR		Site: N/A		SSOW#: N/A		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (If water, S=solid, O=organic, A=AAU)	
MW-14 (500-260461-1)		11/18/24		13:45 Central		G		Water	
MW-15 (500-260461-2)		11/18/24		15:28 Central		G		Water	
MW-21D (500-260461-3)		11/18/24		12:35 Central		G		Water	
Duplicate (500-260461-4)		11/19/24		Central		G		Water	
MW-02 (500-260461-5)		11/19/24		11:02 Central		G		Water	
MW-03 (500-260461-6)		11/19/24		12:06 Central		G		Water	
MW-04 (500-260461-7)		11/19/24		13:55 Central		G		Water	
MW-05 (500-260461-8)		11/19/24		15:02 Central		G		Water	
MW-06 (500-260461-9)		11/19/24		16:09 Central		G		Water	
Total Number of Containers		3		3		3		3	
Special Instructions/Note:		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Other: N/A		N/A		N/A		N/A		N/A	

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

Possible Hazard Identification
Unconfirmed

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) Primary Deliverable Rank: 2

Empty Kit Relinquished by: *[Signature]* Date: 11/20/24 Time: 16:00
Relinquished by: *[Signature]* Date: 11/20/24 Time: 16:00
Relinquished by: *[Signature]* Date: 11/20/24 Time: 16:00
Relinquished by: *[Signature]* Date: 11/20/24 Time: 16:00

Received by: *[Signature]* Date: 11/21/24 Company: EFA-SZC
Received by: *[Signature]* Date: 11/21/24 Company: Cheyenne Forrest
Received by: *[Signature]* Date: 11/21/24 Company: Cheyenne Forrest

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260461-2

Login Number: 260461

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5,-0.2,-0.7,-0.2,-2.0,-1.6,-1.9,-1.8,2.7 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: 500-260461-2

Login Number: 260461

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/21/24 01:57 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260461-2

Login Number: 260461

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/22/24 12:00 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-260461-2

Login Number: 260461

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 11/26/24 12:51 PM

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-14

Date Collected: 11/18/24 13:45

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690776	BCE	EET SL	11/27/24 08:35
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 07:05
Total/NA	Prep	PrecSep_0			690777	BCE	EET SL	11/27/24 08:38
Total/NA	Analysis	904.0		1	693277	SCB	EET SL	12/12/24 14:56
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Client Sample ID: MW-15

Date Collected: 11/18/24 15:28

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690776	BCE	EET SL	11/27/24 08:35
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 07:05
Total/NA	Prep	PrecSep_0			690777	BCE	EET SL	11/27/24 08:38
Total/NA	Analysis	904.0		1	693277	SCB	EET SL	12/12/24 14:56
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Client Sample ID: MW-21D

Date Collected: 11/18/24 12:35

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			690776	BCE	EET SL	11/27/24 08:35
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 07:05
Total/NA	Prep	PrecSep_0			690777	BCE	EET SL	11/27/24 08:38
Total/NA	Analysis	904.0		1	693277	SCB	EET SL	12/12/24 14:56
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Client Sample ID: Duplicate

Date Collected: 11/19/24 00:00

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695377	FLC	EET SL	12/26/24 17:34
Total/NA	Prep	PrecSep_0			691391	MLT	EET SL	12/02/24 08:10
Total/NA	Analysis	904.0		1	694324	SCB	EET SL	12/18/24 14:53
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-02

Date Collected: 11/19/24 11:02

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695377	FLC	EET SL	12/26/24 17:34
Total/NA	Prep	PrecSep_0			694543	MLT	EET SL	12/19/24 08:28
Total/NA	Analysis	904.0		1	695352	FLC	EET SL	12/26/24 12:16
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Client Sample ID: MW-03

Date Collected: 11/19/24 12:06

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691387	MLT	EET SL	12/02/24 08:05
Total/NA	Analysis	903.0		1	695377	FLC	EET SL	12/26/24 17:34
Total/NA	Prep	PrecSep_0			691391	MLT	EET SL	12/02/24 08:10
Total/NA	Analysis	904.0		1	694324	SCB	EET SL	12/18/24 14:53
Total/NA	Analysis	Ra226_Ra228		1	695980	EMH	EET SL	12/30/24 22:48

Client Sample ID: MW-04

Date Collected: 11/19/24 13:55

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:28
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-05

Date Collected: 11/19/24 15:02

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-06

Date Collected: 11/19/24 16:09

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-18

Date Collected: 11/19/24 10:03

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-18A

Date Collected: 11/19/24 08:44

Date Received: 11/20/24 10:00

Lab Sample ID: 500-260461-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-12R

Date Collected: 11/20/24 12:51

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695577	EMH	EET SL	12/27/24 09:20
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-07

Date Collected: 11/20/24 09:08

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:29
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-09

Date Collected: 11/20/24 11:34

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-11

Date Collected: 11/20/24 14:07

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Client Sample ID: MW-16

Date Collected: 11/20/24 10:14

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 09:38

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-22

Date Collected: 11/20/24 15:28

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: MW-19

Date Collected: 11/20/24 16:18

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694579	SCB	EET SL	12/19/24 12:30
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: Duplicate 2

Date Collected: 11/20/24 00:00

Date Received: 11/21/24 09:50

Lab Sample ID: 500-260461-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: MW-13

Date Collected: 11/21/24 09:27

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: MW-17

Date Collected: 11/21/24 10:42

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695581	EMH	EET SL	12/27/24 09:18
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: MW-08

Date Collected: 11/21/24 12:09

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695576	EMH	EET SL	12/27/24 14:55
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: MW-01

Date Collected: 11/21/24 13:30

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695576	EMH	EET SL	12/27/24 14:55
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:27
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Client Sample ID: MW-10

Date Collected: 11/21/24 15:14

Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695576	EMH	EET SL	12/27/24 14:55
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:28
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

Lab Chronicle

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

Job ID: 500-260461-2

Client Sample ID: Duplicate 3
Date Collected: 11/21/24 00:00
Date Received: 11/22/24 09:35

Lab Sample ID: 500-260461-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			691393	MLT	EET SL	12/02/24 08:13
Total/NA	Analysis	903.0		1	695576	EMH	EET SL	12/27/24 14:55
Total/NA	Prep	PrecSep_0			691394	MLT	EET SL	12/02/24 08:17
Total/NA	Analysis	904.0		1	694580	SCB	EET SL	12/19/24 12:28
Total/NA	Analysis	Ra226_Ra228		1	696108	FLC	EET SL	12/31/24 15:13

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: 500-260461-2

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: 500-260461-2

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)					
500-260461-1	MW-14	90.1					
500-260461-2	MW-15	87.6					
500-260461-3	MW-21D	85.3					
500-260461-4	Duplicate	83.2					
500-260461-5	MW-02	69.5					
500-260461-6	MW-03	80.7					
500-260461-7	MW-04	93.1					
500-260461-7 DU	MW-04	81.7					
500-260461-8	MW-05	79.9					
500-260461-9	MW-06	75.9					
500-260461-10	MW-18	82.5					
500-260461-11	MW-18A	75.9					
500-260461-12	MW-12R	73.9					
500-260461-13	MW-07	93.1					
500-260461-14	MW-09	83.5					
500-260461-15	MW-11	87.3					
500-260461-16	MW-16	74.9					
500-260461-17	MW-22	73.1					
500-260461-18	MW-19	78.9					
500-260461-19	Duplicate 2	87.6					
500-260461-20	MW-13	71.8					
500-260461-21	MW-17	72.1					
500-260461-22	MW-08	77.9					
500-260461-23	MW-01	83.5					
500-260461-24	MW-10	77.9					
500-260461-25	Duplicate 3	78.7					
LCS 160-690776/2-A	Lab Control Sample	78.4					
LCS 160-691387/2-A	Lab Control Sample	86.0					
LCS 160-691393/2-A	Lab Control Sample	84.5					
MB 160-690776/1-A	Method Blank	85.5					
MB 160-691387/1-A	Method Blank	79.9					
MB 160-691393/1-A	Method Blank	88.8					

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)				
500-260461-1	MW-14	90.1	80.0				
500-260461-2	MW-15	87.6	75.5				
500-260461-3	MW-21D	85.3	74.8				
500-260461-4	Duplicate	83.2	80.0				
500-260461-5	MW-02	96.4	89.3				
500-260461-6	MW-03	80.7	80.4				
500-260461-7	MW-04	93.1	83.7				
500-260461-7 DU	MW-04	81.7	75.9				

Eurofins Chicago

Tracer/Carrier Summary

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

Job ID: 500-260461-2

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)
500-260461-8	MW-05	79.9	78.9
500-260461-9	MW-06	75.9	79.6
500-260461-10	MW-18	82.5	87.9
500-260461-11	MW-18A	75.9	81.9
500-260461-12	MW-12R	73.9	83.0
500-260461-13	MW-07	93.1	81.9
500-260461-14	MW-09	83.5	85.2
500-260461-15	MW-11	87.3	86.4
500-260461-16	MW-16	74.9	81.1
500-260461-17	MW-22	73.1	85.2
500-260461-18	MW-19	78.9	81.9
500-260461-19	Duplicate 2	87.6	84.9
500-260461-20	MW-13	71.8	81.5
500-260461-21	MW-17	72.1	80.7
500-260461-22	MW-08	77.9	76.6
500-260461-23	MW-01	83.5	81.1
500-260461-24	MW-10	77.9	89.3
500-260461-25	Duplicate 3	78.7	85.2
LCS 160-690777/2-A	Lab Control Sample	78.4	73.6
LCS 160-691391/2-A	Lab Control Sample	86.0	81.9
LCS 160-691394/2-A	Lab Control Sample	84.5	82.2
LCS 160-694543/2-A	Lab Control Sample	95.4	87.9
MB 160-690777/1-A	Method Blank	85.5	81.9
MB 160-691391/1-A	Method Blank	79.9	78.5
MB 160-691394/1-A	Method Blank	88.8	86.0
MB 160-694543/1-A	Method Blank	84.1	81.5

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/21/24
Sample Name	MW-01	Start Time	1315	
Condition of Well	good			
Water Level	29.21	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	4 gts	W L at Sample Time	29.21	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1330	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1317	29.21	7.26	15.0	.558	7.57	98.7	3.61
1320	—	7.04	14.8	.650	7.04 4.77	108.6	4.23
1323	—	7.03	14.6	.655	4.00	109.5	3.97
1326	29.21	7.03	14.8	.655	3.45	110.8	3.44

SAMPLING NOTES:

CCR 'Duplicate 3'

Sampler Name and
Company:

KPRG and Associates

KAB

PROJECT NAME	12313.1 - NRG Powerton Station		DATE	11/19/24
Sample Name	MW-02	Start Time	1042	
Condition of Well	good			
Water Level	30.73	Total Depth	-	
Well Diameter	PVC - 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	5.5 gts	WL at Sample Time	30.74	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1102	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1046	30.73	7.46	13.9	.644	6.59	73.1	4.58
1049	-	7.32	13.1	.596	3.61	67.1	3.83
1052	-	7.22	13.1	.594	2.50	63.1	3.42
1055	-	7.17	13.0	.594	2.05	60.3	3.57
1058	30.74	7.14	13.0	.594	1.77	56.9	3.32

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/19/24
Sample Name	MW-03	Start Time	1146	
Condition of Well	good			
Water Level	31.67	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	6 gts	WL at Sample Time	31.67	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1206	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1150	31.67	7.27	15.8	.572	5.89	100.9	4.92
1153	-	7.20	15.2	.585	3.05	96.2	4.52
1156	-	7.19	15.2	.588	2.22	90.8	4.32
1159	-	7.18	15.1	.589	1.86	87.2	4.18
1202	31.67	7.18	15.1	.589	1.61	83.1	3.83

SAMPLING NOTES:

CCR 'Duplicate 1'

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/19/24
Sample Name	MW-04	Start Time	1336	
Condition of Well	86 okay – pro top hinge rusted, PVC in good condition			
Water Level	30.05	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	5 gts	WL at Sample Time	30.05	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1355	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1339	30.05	7.04	17.6	.745	5.25	110.5	5.19
1342	—	6.97	16.8	.739	4.28	110.8	7.09
1345	—	6.93	16.7	.740	3.73	110.4	3.61
1348	—	6.93	16.7	.741	3.62	108.0	3.66
1351	30.05	6.93	16.7	.742	3.45	104.5	3.26

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KUS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/19/24
Sample Name	MW-05	Start Time	1446	
Condition of Well	good			
Water Level	27.05	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	4.5 gts	WL at Sample Time	27.07	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1502	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1449	27.05	6.96	14.3	.817	4.30	129.5	2.96
1452	—	6.89	14.1	.832	2.64	129.7	2.98
1455	—	6.89	14.1	.831	1.84	127.2	2.92
1458	27.07	6.90	14.2	.831	1.58	125.5	3.18

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/19/24
Sample Name	MW-06	Start Time	1545	
Condition of Well	good			
Water Level	16.06	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	sl. cloudy, gray	
Volume Removed	4.5 gts	WL at Sample Time	16.46	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1609	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1547	16.06	7.58	19.8	.978	6.61	-22.0	8.92
1550	-	7.59	19.5	1.007	3.61	-100.2	22.40
1553	-	7.58	19.6	1.013	2.27	-139.9	23.10
1556	-	7.61	19.7	1.014	1.52	-160.5	24.34
1559	-	7.62	19.7	1.013	1.22	-169.1	15.49
1602	-	7.64	19.7	1.012	1.04	-175.5	10.85
1605	16.46	7.65	19.6	1.012	0.93	-179.1	8.99

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

KVS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/20/24
Sample Name	MW-07	Start Time	0846	
Condition of Well	good			
Water Level	31.02	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	Sl. cloudy, light gray	
Volume Removed	5.5 gts	WL at Sample Time	31.23	
Method of Sample	Low flow bladder	Sample Characteristics	Sl. cloudy, light gray clear	
Sample Analysis	CCA, CCR	Sample Time	0908	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0849	31.02	7.18	16.1	1.237	8.41	105.0	66.54
0852	—	6.72	16.1	1.384	5.00	-89.9	57.20
0855	—	6.71	16.1	1.408	3.02	-105.8	28.50
0858	—	6.72	16.2	1.405	1.94	-115.1	19.43
0901	—	6.73	16.2	1.399	1.60	-119.0	21.95
0904	31.23	6.74	16.2	1.389	1.36	-121.5	25.87

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KVS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/21/24
Sample Name	MW-10	Start Time	1455	
Condition of Well	good			
Water Level	20.64	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	Sl. cloudy	
Volume Removed	6 gts	WL at Sample Time	20.64	
Method of Sample	Low flow bladder	Sample Characteristics	Sl. cloudy	
Sample Analysis	CCA, CCR	Sample Time	1514	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm).	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1458	20.64	7.49	12.5	.616	6.81	117.4	18.96
1501	—	7.25	12.4	.607	3.30	122.5	34.12
1504	—	7.19	12.4	.603	2.23	122.2	27.02
1507	—	7.17	12.2	.603	1.88	121.8	25.05
1510	20.64	7.16	12.3	.604	1.56	121.5	18.30

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/18/24
Sample Name	MW-14	Start Time	1324	
Condition of Well	good			
Water Level	25.91	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	7 gals	WL at Sample Time	28.08	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1345	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1326	25.91	7.29	16.0	3.727	6.48	140.9	29.48
1329	—	7.18	15.2	3.736	4.19	147.1	28.44
1332	—	7.16	15.3	3.705	3.69	156.0	24.51
1335	—	7.15	15.3	3.637	3.34	169.5	23.47
1338	—	7.15	15.3	3.626	3.10	175.8	21.44
1341	—	7.15	15.3	3.615	2.77	185.3	18.75
1344	—	7.15	15.3	3.605	2.43	194.4	16.95

SAMPLING NOTES:

-low yielding well – slowed down during CCA (2ND set sampled)

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/20/24
Sample Name	MW-16	Start Time	0958	
Condition of Well	good			
Water Level	29.36	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	4.5 gts	WL at Sample Time	29.38	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCA, CCR	Sample Time	1014	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1001	29.36	7.44	14.0	.632	8.22	87.7	47.70
1004	—	7.21	13.7	.649	7.93	92.8	8.50
1007	—	7.16	13.7	.648	7.78	93.7	5.72
1010	29.38	7.15	13.7	.649	7.73	93.8	5.80

SAMPLING NOTES:

CCR 'Duplicate 2'

Sampler Name and
Company:

KPRG and Associates

KIS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/19/24
Sample Name	MW-18A	Start Time	0826	
Condition of Well	good			
Water Level	30.80	Total Depth	-	
Well Diameter	PVC – 2 inch	Volume in Well	-	
Method of Purge	Low flow bladder	Purge Characteristics	Sl. cloudy, white	
Volume Removed	2 gts	WL at Sample Time	32.92	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCR	Sample Time	0844	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
0828	30.80	7.15	16.3	1.566	7.65	62.7	41.26
0831	-	6.72	16.2	1.709	4.21	-98.5	53.75
0834	-	6.76	16.2	1.718	2.27	-122.4	43.77
0837	-	6.78	16.1	1.715	1.60	-126.7	38.91
0840	32.92	6.79	16.1	1.714	1.34	-127.3	34.77

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/18/24
Sample Name	MW-21D	Start Time	1216	
Condition of Well	good			
Water Level	33.84	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	cloudy, gray	
Volume Removed	5 gts	WL at Sample Time	33.80	
Method of Sample	Low flow bladder	Sample Characteristics	Sl. cloudy, grayish brown	
Sample Analysis	CCR	Sample Time	1235	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1219	33.84 33.84	7.09	16.5	.782	7.40	176.1	35.01
1222	—	7.27	16.5	.781	7.30	169.6	110.76
1225	—	7.35	16.4	.781	1.88	164.3	110.32
1228	—	7.38	16.4	.782	1.45	160.2	43.59
1231	33.80	7.39	16.4	.781	1.21	157.2	72.04

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS

PROJECT NAME	12313.1 – NRG Powerton Station		DATE	11/20/24
Sample Name	MW-22	Start Time	1503	
Condition of Well	good			
Water Level	21.46	Total Depth	—	
Well Diameter	PVC – 2 inch	Volume in Well	—	
Method of Purge	Low flow bladder	Purge Characteristics	clear	
Volume Removed	8 gts	WL at Sample Time	21.46	
Method of Sample	Low flow bladder	Sample Characteristics	clear	
Sample Analysis	CCR	Sample Time	1528	
Water Quality Meter	YSI Pro DSS			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
1506	21.46	7.51	15.0	.741	7.10	102.9	9.24
1509	—	7.05	14.8	.762	3.04	83.5	28.60
1512	—	7.01	14.8	.763	2.23	67.1	16.71
1515	—	7.00	14.8	.762	1.86	56.3	11.25
1518	—	6.99	14.8	.759	1.47	47.1	7.22
1521	—	6.98	14.8	.759	1.24	39.9	5.87
1524	—	6.98	14.8	.758	1.10	33.9	5.66
1527	21.46	6.97	14.8	.758	1.61	29.5	5.85

SAMPLING NOTES:

Sampler Name and
Company:

KPRG and Associates

KLS