



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

**FEDERAL CCR COMPLIANCE
ANNUAL GROUNDWATER MONITORING and
CORRECTIVE ACTION REPORT – 2025
ASH BY-PASS BASIN AND ASH SURGE BASIN**

**Midwest Generation, LLC
Powerton Station
13082 E. Manito Rd.
Pekin, IL 61554**

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OVERVIEW

Groundwater monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.94 and 257.95, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) and subsequent amendments, have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Powerton Generating Station. The wells sampled were selected to meet the monitoring requirements of the CCR Rule for the Ash Surge Basin (ASB) and the Ash By-pass basin (ABB). The monitoring well network around these ponds consists of monitoring wells MW-01 [upgradient], MW-08, MW-09 [upgradient], MW-11, MW-12/12R, MW-15, MW-17, MW-18 and MW-19 [upgradient] as shown on Figure 1.

This overview of the 2025 groundwater monitoring period is provided in accordance with requirements under Section 257.90(e)(6). Each required item is discussed separately below.

- Section 257.90(e)(6)(i) – At the start of the current monitoring period, the subject CCR units were operating under the assessment monitoring program outlined in Section 257.95.
- Section 257.90(e)(6)(ii) – At the end of the current monitoring period, the subject CCR units continue to operate under the assessment monitoring program outlined in Section 257.95.
- Section 257.90(e)(6)(iii) – The following statistically significant increases (SSIs) above established background for the Appendix III detection monitoring constituents were noted during this monitoring period:
 - o MW-01: Boron (1st and 3rd quarters), fluoride (3rd quarter)
 - o MW-19: Fluoride (3rd quarter)
 - o MW-08: Chloride, fluoride, sulfate (1st through 4th quarters), TDS (1st quarter)
 - o MW-11: Boron and fluoride (1st through 4th quarters)
 - o MW-12/12R: Chloride, fluoride, sulfate and TDS (1st through 4th quarters)
 - o MW-15: Boron, calcium, chloride, fluoride, sulfate and TDS (1st through 4th quarters)
 - o MW-17: Boron, calcium, chloride, fluoride, sulfate, and TDS (2nd quarter)
 - o MW-18: Chloride, fluoride and TDS (1st through 4th quarters), pH (1st through 3rd quarters), sulfate (2nd through 4th quarters)

Since a previously completed Appendix III Alternate Source Demonstration (ASD) in April 2018 was unsuccessful and the site was shifted to assessment monitoring under Section 257.95, completing another ASD for any Appendix III parameters not included in the initial evaluation is not appropriate. With the exceptions of those constituents discussed in the next bullet, there are no Appendix IV parameter verified detections above established site-specific Groundwater Protection Standards (GWPSs).

- Section 257.90(e)(6)(iv) – In 2025 there were no confirmed statistically significant levels (SSLs) above GWPSs for the Appendix IV assessment monitoring constituents for these units recorded during this monitoring period with the exception of the following:
 - Arsenic – MW-11 (1st through 3rd quarters), MW-12/12R (1st through 4th quarters)

Arsenic was a parameter previously addressed under the March 25, 2019 Appendix IV ASD which determined that the regulated units were not the source of the SSLs. However, based on the verified molybdenum detection above the established GWPS at well MW-15 (verification sampling data received January 15, 2025), it was recommended that the site initiate an assessment of corrective measures pursuant to Section 257.96. It is noted that subsequent sampling of well MW-15 in February, May and August 2025 showed molybdenum concentrations below the GWPS. The CMS was initiated March 13, 2025 and the initial results of the CMS were submitted to Midwest Generation on August 26, 2025. Molybdenum was not detected above its GWPS in any of the CCR samples collected in 2025.

A nature and extent of impacts evaluation was initiated in accordance with Section 257.95(g)(1). This data was used in support of the above discussed assessment of corrective measures. Additional characterization work recommended in that report has been completed and an addendum to that report is anticipated to be completed in the first quarter 2026. It is noted that under the recently issued Illinois Environmental Protection Agency (IEPA) CCR Surface Impoundment Operating Permit (2024-CO-100029), there has also been a notification of GWPS exceedance under the State program and that an assessment of corrective measures has also been initiated. The assessment of corrective measures and the nature and extent of impacts evaluations for both the Federal and the State CCR programs are occurring in tandem.

- Section 257.90(e)(6)(v) – A selection of remedy pursuant to Section 257.97 has not yet been completed.
- Section 257.90(e)(6)(vi) – Since a selection of remedy has not yet been completed, remedial activities pursuant to Section 257.98 have not yet been initiated.

1.0 INTRODUCTION

The Assessment Monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.94 and 257.95, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) have been completed for the ash basin monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Powerton Generating Station. The wells sampled were selected to meet the monitoring requirements of the CCR Rule for the ASB and the ABB. The monitoring well network around these ponds consists of monitoring wells (MW-01 [upgradient], MW-08, MW-09 [upgradient], MW-11, MW-12/12R, MW-15, MW-17, MW-18 and MW-19 [upgradient]) as shown on Figure 1.

With the vacating of Section 257.100(b) through (d) in October 2016, the inactive Former Ash Basin (FAB), which is being planned for closure, was added to the CCR units that would require monitoring under the CCR Rule. Wells MW-02 through MW-05 and MW-10 were added to the CCR sampling program specifically for the FAB and are not part of the monitoring program for the Ash Surge Basin and Ash By-pass Basin. The FAB monitoring results are discussed under separate cover.

This annual report covers the work performed relative to CCR groundwater monitoring for the 2025 calendar year for the ASB and ABB. It does not duplicate information or activities previously reported for 2024. It is prepared in accordance with Section 257.90(e)(1-6) and summarizes the sampling procedures used, provides an evaluation of groundwater flow conditions, summarizes the analytical data generated, and summarizes conclusions and recommendations for the station going forward.

2.0 FIELD PROCEDURES AND GROUNDWATER FLOW EVALUATION

2.1 Field Procedures

As previously noted, the CCR groundwater monitoring network around the ASB and ABB consists of monitoring wells MW-01 [upgradient], MW-08, MW-09 [upgradient], MW-11, MW-12/12R, MW-15, MW-17, MW-18 and MW-19 [upgradient] as shown on Figure 1. As part of sampling procedures, the integrity of all monitoring wells was inspected and water levels were obtained using an electronic water level meter (see summary of water level discussion below). All wells were found in generally good condition.

All groundwater samples were collected using the low-flow sampling technique from dedicated pumps. The samples were not filtered prior to analysis to provide for total metals concentrations as opposed to dissolved metals concentrations. One duplicate sample was collected from a randomly selected monitoring well per sampling event for quality assurance purposes.

2.2 Groundwater Flow Evaluation

Water level data measurements were obtained from monitoring wells during each round of groundwater sampling. A complete round of water levels was collected prior to initiating sampling, and the water level data are summarized in Table 1. This table has been modified to include Illinois River water levels from the U.S. Geological Survey (USGS) Kingston Mine gage which is the nearest river gaging station to the site for each well gaging event. A review of the distribution of water levels associated with the 2025 quarterly groundwater sampling events (February, May, August and November), indicates that any potential mixing of surface water and groundwater near the river should not have affected the water quality within monitoring wells designated as upgradient or downgradient of the ABB/ASB.

Water levels were also concurrently measured at other monitoring well locations in the area that are not designated as part of the Federal Rule CCR monitoring network for the ASB and ABB. The full set of water levels was used to generate a groundwater flow map for each sampling event. It is noted that monitoring wells MW-06, MW-08, MW-12, MW-14, MW-15, MW-17, MW-18A and MW-22 are screened within a shallow, localized, saturated silty clay/silt unit which is underlain by a more extensive sand unit. The remaining monitoring wells have deeper screens, within the more extensive sand and gravel unit with the exception of MW-18 which appears to be in a transitional zone between the two units. The water levels from wells screened in the silty clay/silt unit and the water levels from monitoring wells screened within the sand and gravel unit were evaluated separately and used to generate potentiometric surface maps for each unit.

Groundwater flow beneath the ABB and ASB within the silty clay/silt unit has historically been illustrated with a westerly flow direction (see flow maps from prior to 2nd quarter 2024). However, under a newly issued State CCR Operating Permit in July 2024, additional new silty clay/silt unit wells were installed on the east side of the ASB (MW-23 and MW-18A). Based on the additional water level data from these new wells there is an indication of divergent flow within this unit which is still consistent with stratigraphic interpretations of the localized, discontinuous silty clay/silt unit beneath this portion of the site. Flow continues to the west towards the former intake channel, however, there is also a component of flow to the east reflecting the slope/trace of the surface topography and the silty clay/silt unit to the east, northeast and southeast and the presence of the unlined Former Ash Basin (FAB) located to the east. The divergent flow, as noted above, is a function of topography, stratigraphy and the presence of the unlined FAB to the east. The water levels are consistently below the base elevation of the ASB liner system which based on construction drawings is 452 feet above mean sea level (amsl). Groundwater flow within the sand and gravel unit continues to be in a northerly direction with some divergent flow to the northeast and/or northwest. The quarterly groundwater flow maps for the two units are provided in Attachment 1.

In accordance with general groundwater sampling requirements under Section 257.93(c), Table 2 provides a summary of the flow direction and an estimated rate of groundwater flow for each sampling event. The flow rate was calculated using the following equation:

$$V_s = \frac{Kdh}{n_e dl}, \text{ where}$$

V_s is seepage velocity (distance/time)

K is hydraulic conductivity (distance/time)

dh/dl is hydraulic gradient (unitless)

n_e is effective porosity (unitless)

The average hydraulic conductivities of 3.28×10^{-7} ft/sec (silt/clay unit) in Table 2 were estimated from literature (Freeze and Cherry, 1979). The average hydraulic conductivity for the sand unit was based on field slug test data. The estimated effective porosities of the silt/clay materials (0.40) and of the sandy materials (0.35) were obtained from literature (Applied Hydrogeology, Fetter, 1980).

3.0 ANALYTICAL DATA AND STATUS OF EVALUATIONS

3.1 Sampling Summary

The groundwater sampling summary for the 2025 reporting period is provided in Table 3 in accordance with 257.90(e)(3). Federal CCR assessment monitoring requires groundwater sampling on a minimum semi-annual basis. Samples during this reporting period were collected on a quarterly basis exceeding minimum requirements. Analytical data packages are included in Attachment 2.

3.2 Data Summary

The analytical data from the ABB and ASB assessment monitoring groundwater sampling for Appendix III and IV parameters are provided in Tables 4 and 5, respectively. Table 4 includes Prediction Limits (PLs) for Appendix III parameters and Table 5 includes GWPSs established for detected Appendix IV compounds under the Federal CCR Rule. Both tables include the sample dates and whether the specific well is considered upgradient or downgradient relative to groundwater flow and the regulated unit(s). In 2025 there were no confirmed SSLs above GWPSs for the Appendix IV assessment monitoring constituents for these units recorded during this monitoring period with the exception of arsenic at wells MW-11 and MW-12/12R.

3.3 Current Status

Under the Federal CCR Rule, the ASB and ABB were transitioned from detection monitoring to assessment monitoring in April 2018 and currently remain in assessment monitoring. It is noted that the ABB underwent construction for a liner retrofit under the Illinois EPA State CCR Rule program. The retrofit construction was certified by the design engineer as complete on October 18, 2024.

Based on the 2024 4th quarter verification sampling data (received January 15, 2025) for molybdenum at well MW-15, an assessment of corrective measures and a nature and extent of impacts evaluation were recommended to be initiated. The Nature and Extent of Impacts evaluation is anticipated to be finalized in the 1st quarter 2026. There were no detections of molybdenum above its GWPS in any of the CCR wells sampled in 2025.

The Federal CCR Compliance Assessment of Corrective Measures was initiated March 13, 2025 and a final report submittal was dated August 26, 2025. The work performed as part of the assessment included leak testing of the ASB liner. Several small tears were identified and repaired in accordance with the maintenance requirements outlined in the Federal CCR Rule. The Assessment of Corrective Measures Report assessment evaluated seven potential remedial alternatives. Additional evaluation and preferred remedy selection in accordance

with Section 257.97 is ongoing. A semi-annual report will be prepared in compliance with Section 257.97(a) discussing the remedy selection progress.

4.0 SUMMARY/CONCLUSIONS AND RECOMMENDATIONS

The assessment monitoring requirements in accordance with the CCR rule are being successfully met. Verification sampling data for the 4th quarter 2024 sampling was received January 15, 2025 which verified a molybdenum concentration at well MW-15 above the established GWPS, however, subsequent sampling of this well shows the molybdenum to be below the GWPS. Based on the verification sampling an assessment of corrective measures was initiated in accordance with Section 257.96 and was submitted to Midwest Generation on August 25, 2025. Several small tears in the liner for the ASB were identified as part of the assessment of corrective measures and subsequently repaired. The assessment also evaluated seven potential remedial alternatives. Additional evaluation and preferred remedy selection in accordance with Part 257.97 is ongoing. A semi-annual report will be prepared in compliance with Section 257.97(a) discussing the remedy selection progress.

In addition, a nature and extent of impacts evaluation was initiated in accordance with Section 257.95(g)(1) and is anticipated to be finalized in the 1st quarter 2026.

The following recommendations are forwarded:

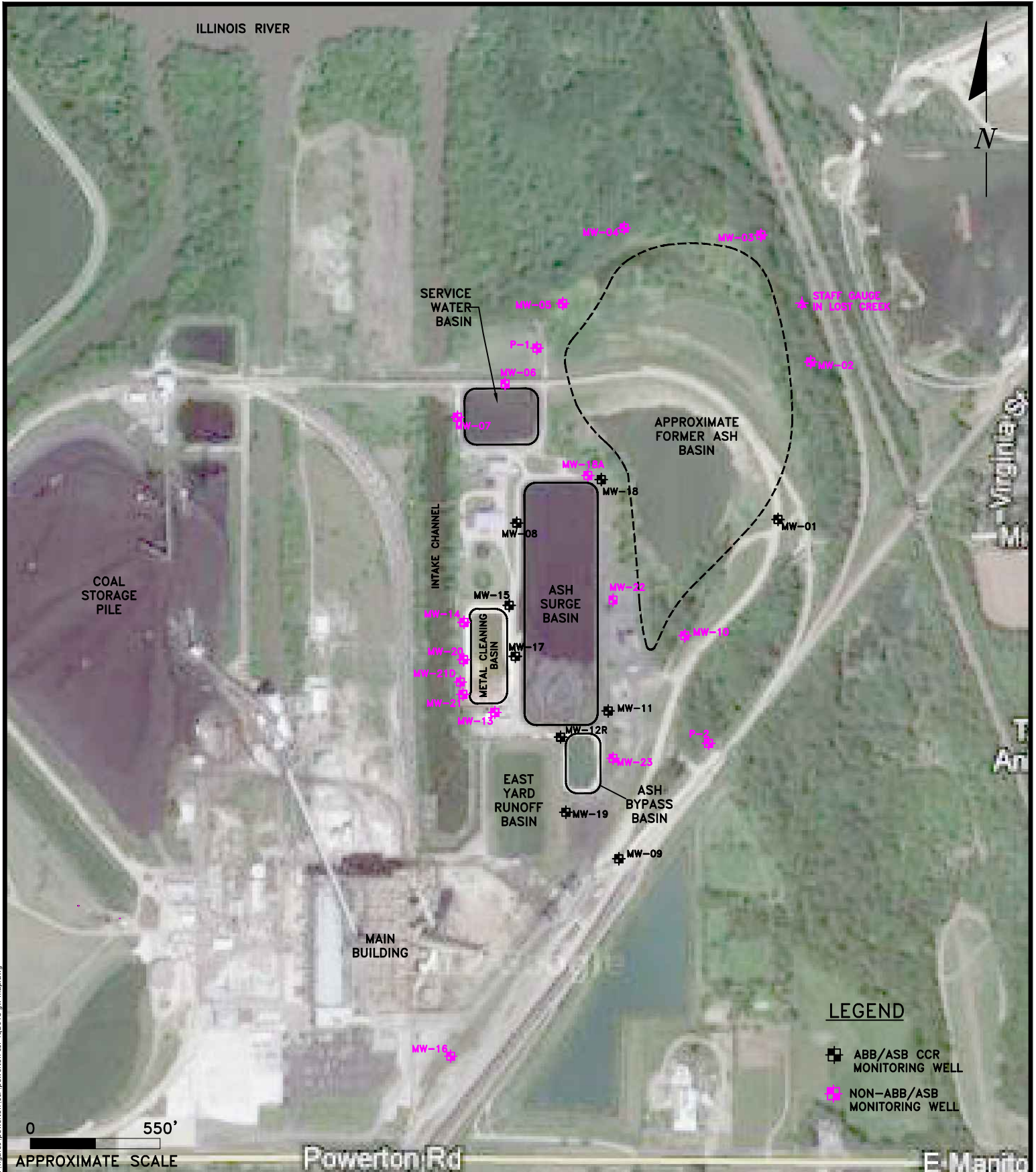
- Complete the nature and extent of impacts evaluation in accordance with Section 257.95.
- Continue with progress in evaluating and identifying a preferred corrective measure in accordance with Section 257.97.
- Continue with required groundwater assessment monitoring in accordance with Section 257.95.

5.0 REFERENCES

- Federal Register, Environmental Protection Agency, 40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities; Final Rule. Vol. 80, No. 74, Friday April 17, 2015.
- Patrick Engineering, Inc., Hydrogeologic Assessment Report – Powerton Generating Station, Pekin, IL. February 2011.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2017 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2018.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2018 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2019.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2019 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2020.
- KPRG and Associates, Inc., Alternate Source Demonstration CCR Groundwater Monitoring Powerton Generating Station – Appendix IV Parameters. March 25, 2019.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2020 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2021.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2021 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2022.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2022 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2023.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2023 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2024.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2024 Ash By-Pass Basin and Ash-Surge Basin, Midwest Generation, LLC Powerton Generating Station. January 31, 2025.

- KPRG and Associates, Inc., CCR Nature and Extent of Impacts Evaluation Report Powerton Station. June 9, 2025.
- Weaver Consultants Group, Federal CCR Compliance Corrective Measures Assessment Powerton Generating Station. August 26, 2025.
- C.W. Fetter, Jr., Applied Hydrogeology. Charles E. Merrill Publishing Co., 1980.
- R.A. Freeze and J.A. Cherry, Groundwater. Prentice-Hall, Inc. Publishing Co., 1979

FIGURE



ENVIRONMENTAL CONSULTATION & REMEDIATION

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ABB/ASB CCR MONITORING WELL SITE MAP

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 8, 2025

KPRG Project No. 12313.1

FIGURE 1

TABLES

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-01 (S) upgradient	11/16/2015	465.24	26.04	439.20	4.38	431.55
	2/22/2016	465.24	21.90	443.34	7.97	435.14
	5/16/2016	465.24	21.83	443.41	14.53	441.70
	8/15/2016	465.24	23.89	441.35	7.11	434.28
	11/14/2016	465.24	23.38	441.86	6.35	433.52
	2/13/2017	465.24	21.71	443.53	NA	NA
	5/1/2017	465.24	18.87	446.37	17.09	444.26
	6/20/2017	465.24	21.54	443.70	11.93	439.10
	8/25/2017	465.24	24.70	440.54	3.86	431.03
	11/8/2017	465.24	24.92	440.32	6.89	434.06
	5/17/2018	465.24	22.66	442.58	9.93	437.10
	8/8/2018	465.24	26.05	439.19	2.13	429.30
	10/30/2018	465.24	24.69	440.55	4.21	431.38
	4/29/2019	465.24	20.15	445.09	14.04	441.21
	11/11/2019	465.24	19.49	445.75	15.92	443.09
	4/27/2020	465.24	20.90	444.34	12.64	439.81
	12/7/2020	465.24	25.69	439.55	2.97	430.14
	2/22/2021	465.24	25.18	440.06	6.21	433.38
	4/7/2021	465.24	22.20	443.04	10.23	437.40
	5/10/2021	465.24	23.41	441.83	10.71	437.88
	6/2/2021	465.24	22.00	443.24	10.7	437.87
	6/28/2021	465.24	23.18	442.06	12.11	439.28
	7/19/2021	465.24	20.43	444.81	15.06	442.23
	8/23/2021	465.24	24.42	440.82	3.49	430.66
	9/30/2021	465.24	26.89	438.35	2.49	429.66
	10/27/2021	465.24	24.53	440.71	13.08	440.25
	11/29/2021	465.24	23.31	441.93	5.17	432.34
	12/30/2021	465.24	24.31	440.93	6.68	433.85
	1/6/2022	465.24	24.86	440.38	6.45	433.62
	2/7/2022	465.24	25.57	439.67	4.4	431.57
	3/1/2022	465.24	21.96	443.28	16.04	443.21
	4/22/2022	465.24	20.03	445.21	NA	NA
	5/24/2022	465.24	21.37	443.87	11.42	438.59
	6/6/2022	465.24	22.13	443.11	8.21	435.38
	7/25/2022	465.24	25.48	439.76	5.36	432.53
	8/29/2022	465.24	27.53	437.71	2.55	429.72
	9/28/2022	465.24	28.58	436.66	2.37	429.54
	10/26/2022	465.24	29.75	435.49	4.36	431.53
	11/14/2022	465.24	29.58	435.66	3.2	430.37
	12/28/2022	465.24	26.63	438.61	NA	NA
	1/24/2023	465.24	27.91	437.33	7.29	434.46
	2/20/2023	465.24	26.94	438.30	7.6	434.77
	3/28/2023	465.24	21.74	443.50	14.9	442.07
	4/25/2023	465.24	22.22	443.02	9.4	436.57
	5/15/2023	465.24	23.91	441.33	8.78	435.95
	6/26/2023	465.24	28.66	436.58	2.42	429.59
	7/25/2023	465.24	28.06	437.18	3.67	430.84
	8/28/2023	465.24	28.85	436.39	3.26	430.43
	9/28/2023	465.24	29.42	435.82	3.35	430.52
	10/27/2023	465.24	29.16	436.08	3.98	431.15
	11/6/2023	465.24	29.23	436.01	3.65	430.82
	12/21/2023	465.24	29.21	436.03	6.12	433.29
	1/24/2024	465.24	25.03	440.21	12.92	440.09
	2/19/2024	465.24	21.02	444.22	12.74	439.91
	3/26/2024	465.24	23.38	441.86	10.10	437.27
	4/12/2024	465.24	20.9	444.34	16.79	443.96
	5/15/2024	465.24	19.9	445.34	15.90	443.07
	6/17/2024	465.24	23.31	441.93	12.03	439.20
	7/25/2024	465.24	23.94	441.30	12.63	439.80
	8/21/2024	465.24	26.36	438.88	11.76	438.93
	9/9/2024	465.24	28.58	436.66	11.82	438.99
	10/25/2024	465.24	29.54	435.70	2.16	429.33
	11/18/2024	465.24	29.19	436.05	4.14	431.31
	12/10/2024	465.24	29.55	435.69	2.80	429.97
	1/7/2025	465.24	28.63	436.61	5.95	433.12
	2/24/2025	465.24	29.84	435.40	2.98	430.15
	3/28/2025	465.24	26.35	438.89	7.45	434.62
	4/24/2025	465.24	24.67	440.57	7.68	434.85
	5/19/2025	465.24	27.96	437.28	4.38	431.55
	6/27/2025	465.24	24.78	440.46	8.12	435.29
	7/22/2025	465.24	28.70	436.54	12.08	439.25
	8/11/2025	465.24	29.11	436.13	3.41	430.58
	9/16/2025	465.24	30.19	435.05	2.17	429.34
	10/21/2025	465.24	30.90	434.34	2.58	429.75
	11/10/2025	465.24	30.52	434.72	3.60	430.77
	12/18/2025	465.24	30.47	434.77	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.
 (S) - Sand and Gravel Unit. * - Data obtained from USGS Kingston Mine Gage.
 (CL) - Silty Clay/Silt Unit. BOLD - River elevation above groundwater elevation.
 MSL - Mean Sea Level. NA - USGS Illinois River data Not Available.
 TOC - Top of Casing.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-08 (CL) downgradient	11/16/2015	471.75	26.06	445.69	4.38	431.55
	2/22/2016	471.75	23.99	447.76	7.97	435.14
	5/16/2016	471.75	25.48	446.27	14.53	441.70
	8/15/2016	471.75	23.61	448.14	7.11	434.28
	11/14/2016	471.75	24.31	447.44	6.35	433.52
	2/13/2017	471.75	23.97	447.78	NA	NA
	5/1/2017	471.75	23.28	448.47	17.09	444.26
	6/20/2017	471.75	23.31	448.44	11.93	439.10
	8/29/2017	471.75	24.52	447.23	3.86	431.03
	11/8/2017	471.75	25.27	446.48	6.89	434.06
	5/17/2018	471.75	24.36	447.39	9.93	437.10
	8/8/2018	471.75	24.04	447.71	2.13	429.30
	10/31/2018	471.75	24.92	446.83	4.21	431.38
	4/29/2019	471.75	24.28	447.47	14.04	441.21
	11/11/2019	471.75	24.24	447.51	15.92	443.09
	4/27/2020	471.75	24.50	447.25	12.64	439.81
	12/7/2020	471.75	25.35	446.40	2.97	430.14
	2/22/2021	471.75	24.70	447.05	6.21	433.38
	4/7/2021	471.75	24.88	446.87	10.23	437.40
	5/10/2021	471.75	24.75	447.00	10.71	437.88
	6/2/2021	471.75	24.25	447.50	10.7	437.87
	6/28/2021	471.75	24.79	446.96	12.11	439.28
	7/19/2021	471.75	24.33	447.42	15.06	442.23
	8/23/2021	471.75	24.85	446.90	3.49	430.66
	9/30/2021	471.75	25.28	446.47	2.49	429.66
	10/25/2021	471.75	25.30	446.45	13.08	440.25
	11/29/2021	471.75	25.10	446.65	5.17	432.34
	12/30/2021	471.75	25.52	446.23	6.68	433.85
	1/6/2022	471.75	25.59	446.16	6.45	433.62
	2/7/2022	471.75	26.70	445.05	4.4	431.57
	3/1/2022	471.75	25.51	446.24	16.04	443.21
	4/22/2022	471.75	24.74	447.01	NA	NA
	5/24/2022	471.75	24.97	446.78	11.42	438.59
	6/6/2022	471.75	25.04	446.71	8.21	435.38
	7/25/2022	471.75	25.56	446.19	5.36	432.53
	8/29/2022	471.75	25.67	446.08	2.55	429.72
	9/28/2022	471.75	25.81	445.94	2.37	429.54
	10/26/2022	471.75	26.17	445.58	4.36	431.53
	11/14/2022	471.75	26.23	445.52	3.2	430.37
	12/28/2022	471.75	26.06	445.69	NA	NA
	1/24/2023	471.75	26.21	445.54	7.29	434.46
	2/20/2023	471.75	26.25	445.50	7.6	434.77
	3/28/2023	471.75	25.36	446.39	14.9	442.07
	4/25/2023	471.75	25.21	446.54	9.4	436.57
	5/15/2023	471.75	25.42	446.33	8.78	435.95
	6/26/2023	471.75	25.85	445.90	2.42	429.59
	7/25/2023	471.75	26.06	445.69	3.67	430.84
	8/28/2023	471.75	25.89	445.86	3.26	430.43
	9/28/2023	471.75	25.99	445.76	3.35	430.52
	10/27/2023	471.75	26.26	445.49	3.98	431.15
	11/6/2023	471.75	26.28	445.47	3.65	430.82
	12/21/2023	471.75	26.50	445.25	6.12	433.29
	1/24/2024	471.75	25.72	446.03	12.92	440.09
	2/19/2024	471.75	25.18	446.57	12.74	439.91
	3/26/2024	471.75	25.24	446.51	10.10	437.27
	4/12/2024	471.75	24.95	446.80	16.79	443.96
	5/15/2024	471.75	24.34	447.41	15.9	443.07
	6/17/2024	471.75	24.63	447.12	12.03	439.20
	7/25/2024	471.75	24.40	447.35	12.63	439.80
	8/21/2024	471.75	24.44	447.31	11.76	438.93
	9/9/2024	471.75	24.73	447.02	11.82	438.99
	10/25/2024	471.75	24.86	446.89	2.16	429.33
	11/18/2024	471.75	24.86	446.89	4.14	431.31
	12/10/2024	471.75	25.17	446.58	2.80	429.97
	1/7/2025	471.75	25.42	446.33	5.95	433.12
	2/24/2025	471.75	24.95	446.80	2.98	430.15
	3/28/2025	471.75	25.09	446.66	7.45	434.62
	4/24/2025	471.75	24.94	446.81	7.68	434.85
	5/19/2025	471.75	24.89	446.86	4.38	431.55
	6/27/2025	471.75	24.50	447.25	8.12	435.29
	7/22/2025	471.75	24.89	446.86	12.08	439.25
	8/11/2025	471.75	25.22	446.53	3.41	430.58
	9/16/2025	471.75	25.53	446.22	2.17	429.34
	10/21/2025	471.75	25.72	446.03	2.58	429.75
	11/10/2025	471.75	25.78	445.97	3.60	430.77
	12/18/2025	471.75	25.55	446.20	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.
 (S) - Sand and Gravel Unit. * - Data obtained from USGS Kingston Mine Gage.
 (CL) - Silty Clay/Silt Unit. BOLD - River elevation above groundwater elevation.
 MSL - Mean Sea Level. NA - USGS Illinois River data Not Available.
 TOC - Top of Casing.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-09 (S) upgradient	11/16/2015	469.14	26.07	443.07	4.38	431.55
	2/22/2016	469.14	22.83	446.31	7.97	435.14
	5/16/2016	469.14	23.06	446.08	14.53	441.70
	8/15/2016	469.14	24.50	444.64	7.11	434.28
	11/14/2016	469.14	24.33	444.81	6.35	433.52
	2/13/2017	469.14	23.43	445.71	NA	NA
	5/1/2017	469.14	20.77	448.37	17.09	444.26
	6/20/2017	469.14	22.15	446.99	11.93	439.10
	8/25/2017	469.14	24.79	444.35	3.86	431.03
	11/8/2017	469.14	25.74	443.40	6.89	434.06
	5/16/2018	469.14	23.89	445.25	9.93	437.10
	8/8/2018	469.14	25.49	443.65	2.13	429.30
	11/1/2018	469.14	26.02	443.12	4.21	431.38
	4/29/2019	469.14	21.30	447.84	14.04	441.21
	11/11/2019	469.14	21.31	447.83	15.92	443.09
	4/27/2020	469.14	21.80	447.34	12.64	439.81
	12/7/2020	469.14	26.19	442.95	2.97	430.14
	2/22/2021	469.14	26.08	443.06	6.21	433.38
	4/7/2021	469.14	23.75	445.39	10.23	437.40
	5/10/2021	469.14	24.55	444.59	10.71	437.88
	6/2/2021	469.14	23.31	445.83	10.7	437.87
	6/28/2021	469.14	24.18	444.96	12.11	439.28
	7/19/2021	469.14	22.20	446.94	15.06	442.23
	8/23/2021	469.14	24.75	444.39	3.49	430.66
	9/30/2021	469.14	26.28	442.86	2.49	429.66
	10/25/2021	469.14	25.42	443.72	13.08	440.25
	11/29/2021	469.14	24.50	444.64	5.17	432.34
	12/30/2021	469.14	25.35	443.79	6.68	433.85
	1/6/2022	469.14	28.11	441.03	6.45	433.62
	2/7/2022	469.14	26.15	442.99	4.4	431.57
	3/1/2022	469.14	23.88	445.26	16.04	443.21
	4/22/2022	469.14	21.75	447.39	NA	NA
	5/24/2022	469.14	22.40	446.74	11.42	438.59
	6/6/2022	469.14	22.95	446.19	8.21	435.38
	7/25/2022	469.14	25.51	443.63	5.36	432.53
	8/29/2022	469.14	26.56	442.58	2.55	429.72
	9/28/2022	469.14	27.52	441.62	2.37	429.54
	10/26/2022	469.14	28.38	440.76	4.36	431.53
	11/14/2022	469.14	28.44	440.70	3.2	430.37
	12/28/2022	469.14	27.96	441.18	NA	NA
	1/24/2023	469.14	27.93	441.21	7.29	434.46
	2/20/2023	469.14	27.62	441.52	7.6	434.77
	3/28/2023	469.14	24.05	445.09	14.9	442.07
	4/25/2023	469.14	23.76	445.38	9.4	436.57
	5/15/2023	469.14	24.90	444.24	8.78	435.95
	6/26/2023	469.14	27.40	441.74	2.42	429.59
	7/25/2023	469.14	27.55	441.59	3.67	430.84
	8/28/2023	469.14	28.00	441.14	3.26	430.43
	9/28/2023	469.14	28.64	440.50	3.35	430.52
	10/27/2023	469.14	28.85	440.29	3.98	431.15
	11/6/2023	469.14	28.98	440.16	3.65	430.82
	12/21/2023	469.14	29.12	440.02	6.12	433.29
	1/24/2024	469.14	26.76	442.38	12.92	440.09
	2/19/2024	469.14	23.94	445.20	12.74	439.91
	3/26/2024	469.14	24.98	444.16	10.10	437.27
	4/12/2024	469.14	23.78	445.36	16.79	443.96
	5/15/2024	469.14	22.17	446.97	15.9	443.07
	6/17/2024	469.14	23.87	445.27	12.03	439.20
	7/25/2024	469.14	24.81	444.33	12.63	439.80
	8/21/2024	469.14	26.00	443.14	11.76	438.93
	9/9/2024	469.14	27.13	442.01	11.82	438.99
	10/25/2024	469.14	28.55	440.59	2.16	429.33
	11/18/2024	469.14	28.36	440.78	4.14	431.31
	12/10/2024	469.14	28.73	440.41	2.80	429.97
	1/7/2025	469.14	28.69	440.45	5.95	433.12
	2/24/2025	469.14	29.17	439.97	2.98	430.15
	3/28/2025	469.14	27.47	441.67	7.45	434.62
	4/24/2025	469.14	26.50	442.64	7.68	434.85
	5/19/2025	469.14	27.70	441.44	4.38	431.55
	6/27/2025	469.14	26.60	442.54	8.12	435.29
	7/22/2025	469.14	28.06	441.08	12.08	439.25
	8/11/2025	469.14	28.45	440.69	3.41	430.58
	9/16/2025	469.14	29.26	439.88	2.17	429.34
	10/21/2025	469.14	29.91	439.23	2.58	429.75
	11/10/2025	469.14	29.94	439.20	3.60	430.77
	12/18/2025	469.14	30.11	439.03	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.
 (S) - Sand and Gravel Unit. * - Data obtained from USGS Kingston Mine Gage.
 (CL) - Silty Clay/Silt Unit. BOLD - River elevation above groundwater elevation.
 MSL - Mean Sea Level. NA - USGS Illinois River data Not Available.
 TOC - Top of Casing.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-11 (S) downgradient	11/16/2015	471.62	31.67	439.95	4.38	431.55
	2/22/2016	471.62	28.34	443.28	7.97	435.14
	5/16/2016	471.62	27.11	444.51	14.53	441.70
	8/15/2016	471.62	29.64	441.98	7.11	434.28
	11/14/2016	471.62	29.19	442.43	6.35	433.52
	2/13/2017	471.62	27.49	444.13	NA	NA
	5/1/2017	471.62	24.34	447.28	17.09	444.26
	6/20/2017	471.62	26.94	444.68	11.93	439.10
	8/29/2017	471.62	30.42	441.20	3.86	431.03
	11/9/2017	471.62	30.27	441.35	6.89	434.06
	5/16/2018	471.62	28.58	443.04	9.93	437.10
	8/9/2018	471.62	31.04	440.58	2.13	429.30
	11/1/2018	471.62	30.82	440.80	4.21	431.38
	4/29/2019	471.62	25.38	446.24	14.04	441.21
	11/11/2019	471.62	24.88	446.74	15.92	443.09
	4/27/2020	471.62	26.35	445.27	12.64	439.81
	12/7/2020	471.62	31.35	440.27	2.97	430.14
	2/22/2021	471.62	30.78	440.84	6.21	433.38
	4/7/2021	471.62	27.85	443.77	10.23	437.40
	5/10/2021	471.62	29.19	442.43	10.71	437.88
	6/2/2021	471.62	27.57	444.05	10.7	437.87
	6/28/2021	471.62	28.84	442.78	12.11	439.28
	7/19/2021	471.62	25.82	445.80	15.06	442.23
	8/23/2021	471.62	30.10	441.52	3.49	430.66
	9/30/2021	471.62	31.78	439.84	2.49	429.66
	10/25/2021	471.62	30.12	441.50	13.08	440.25
	11/29/2021	471.62	29.40	442.22	5.17	432.34
	12/30/2021	471.62	30.22	441.40	6.68	433.85
	1/6/2022	471.62	30.09	441.53	6.45	433.62
	2/7/2022	471.62	31.19	440.43	4.4	431.57
	3/1/2022	471.62	26.92	444.70	16.04	443.21
	4/22/2022	471.62	25.43	446.19	NA	NA
	5/24/2022	471.62	26.69	444.93	11.42	438.59
	6/6/2022	471.62	27.55	444.07	8.21	435.38
	7/25/2022	471.62	30.77	440.85	5.36	432.53
	8/29/2022	471.62	31.95	439.67	2.55	429.72
	9/28/2022	471.62	32.99	438.63	2.37	429.54
	10/26/2022	471.62	33.86	437.76	4.36	431.53
	11/14/2022	471.62	33.79	437.83	3.2	430.37
	12/28/2022	471.62	32.41	439.21	NA	NA
	1/24/2023	471.62	32.57	439.05	7.29	434.46
	2/20/2023	471.62	31.91	439.71	7.6	434.77
	3/28/2023	471.62	27.32	444.30	14.9	442.07
	4/25/2023	471.62	27.80	443.82	9.4	436.57
	5/15/2023	471.62	29.25	442.37	8.78	435.95
	6/26/2023	471.62	32.81	438.81	2.42	429.59
	7/25/2023	471.62	32.55	439.07	3.67	430.84
	8/28/2023	471.62	33.15	438.47	3.26	430.43
	9/28/2023	471.62	33.76	437.86	3.35	430.52
	10/27/2023	471.62	33.68	437.94	3.98	431.15
	11/6/2023	471.62	33.79	437.83	3.65	430.82
	12/21/2023	471.62	33.81	437.81	6.12	433.29
	1/24/2024	471.62	29.99	441.63	12.92	440.09
	2/19/2024	471.62	27.13	444.49	12.74	439.91
	3/26/2024	471.62	28.92	442.70	10.10	437.27
	4/12/2024	471.62	26.5	445.12	16.79	443.96
	5/15/2024	471.62	25.47	446.15	15.9	443.07
	6/17/2024	471.62	28.61	443.01	12.03	439.20
	7/25/2024	471.62	29.00	442.62	12.63	439.80
	8/21/2024	471.62	31.19	440.43	11.76	438.93
	9/9/2024	471.62	32.69	438.93	11.82	438.99
	10/25/2024	471.62	33.73	437.89	2.16	429.33
	11/18/2024	471.62	33.43	438.19	4.14	431.31
	12/10/2024	471.62	33.79	437.83	2.80	429.97
	1/7/2025	471.62	33.24	438.38	5.95	433.12
	2/24/2025	471.62	33.97	437.65	2.98	430.15
	3/28/2025	471.62	22.40	449.22	7.45	434.62
	4/24/2025	471.62	30.49	441.13	7.68	434.85
	5/19/2025	471.62	32.60	439.02	4.38	431.55
	6/27/2025	471.62	30.92	440.70	8.12	435.29
	7/22/2025	471.62	33.18	438.44	12.08	439.25
	8/11/2025	471.62	33.52	438.10	3.41	430.58
	9/16/2025	471.62	34.41	437.21	2.17	429.34
	10/21/2025	471.62	35.02	436.60	2.58	429.75
	11/10/2025	471.62	34.80	436.82	3.60	430.77
	12/18/2025	471.62	34.88	436.74	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.
 (S) - Sand and Gravel Unit. * - Data obtained from USGS Kingston Mine Gage.
 (CL) - Silty Clay/Silt Unit. BOLD - River elevation above groundwater elevation.
 MSL - Mean Sea Level. NA - USGS Illinois River data Not Available.
 TOC - Top of Casing.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-12 / 12R (CL) downgradient	11/16/2015	473.38	24.48	448.90	4.38	431.55
	2/22/2016	473.38	21.41	451.97	7.97	435.14
	5/16/2016	473.38	22.94	450.44	14.53	441.70
	8/15/2016	473.38	23.85	449.53	7.11	434.28
	11/14/2016	473.38	23.89	449.49	6.35	433.52
	2/13/2017	473.38	21.93	451.45	NA	NA
	5/1/2017	473.38	22.26	451.12	17.09	444.26
	6/20/2017	473.38	22.76	450.62	11.93	439.10
	8/26/2017	473.38	23.92	449.46	3.86	431.03
	11/10/2017	473.38	24.29	449.09	6.89	434.06
	5/16/2018	473.38	22.46	450.92	9.93	437.10
	8/9/2018	473.38	23.78	449.60	2.13	429.30
	11/1/2018	473.38	23.74	449.64	4.21	431.38
	4/29/2019	473.38	22.05	451.33	14.04	441.21
	11/11/2019	473.38	22.85	450.53	15.92	443.09
	4/27/2020	473.38	21.44	451.94	12.64	439.81
	12/7/2020	473.38	22.70	450.68	2.97	430.14
	2/22/2021	473.38	21.00	452.38	6.21	433.38
	4/7/2021	473.38	21.91	451.47	10.23	437.40
	5/10/2021	473.38	22.50	450.88	10.71	437.88
	6/2/2021	473.38	22.60	450.78	10.7	437.87
	6/28/2021	473.38	22.95	450.43	12.11	439.28
	7/19/2021	473.38	22.99	450.39	15.06	442.23
	8/23/2021	473.38	23.48	449.90	3.49	430.66
	9/30/2021	473.38	23.87	449.51	2.49	429.66
	10/27/2021	473.38	23.90	449.48	13.08	440.25
	11/29/2021	473.38	23.33	450.05	5.17	432.34
	12/30/2021	473.38	22.95	450.43	6.68	433.85
	1/6/2022	473.38	22.77	450.61	6.45	433.62
	2/7/2022	473.38	22.03	451.35	4.4	431.57
	3/1/2022	473.38	21.74	451.64	16.04	443.21
	4/22/2022	473.38	22.03	451.35	NA	NA
	5/24/2022	473.38	22.36	451.02	11.42	438.59
	6/6/2022	473.38	22.65	450.73	8.21	435.38
	7/25/2022	473.38	23.29	450.09	5.36	432.53
	8/29/2022	473.38	23.84	449.54	2.55	429.72
	9/28/2022	473.38	24.13	449.25	2.37	429.54
	10/26/2022	473.38	24.28	449.10	4.36	431.53
	11/14/2022	473.38	24.15	449.23	3.2	430.37
	12/28/2022	473.38	22.41	450.97	NA	NA
	1/24/2023	473.38	21.68	451.70	7.29	434.46
	2/20/2023	473.38	21.36	452.02	7.6	434.77
	3/28/2023	473.38	21.07	452.31	14.9	442.07
	4/25/2023	473.38	21.53	451.85	9.4	436.57
	5/15/2023	473.38	21.88	451.50	8.78	435.95
	6/26/2023	473.38	22.87	450.51	2.42	429.59
	7/25/2023	473.38	22.99	450.39	3.67	430.84
	8/28/2023	473.38	23.12	450.26	3.26	430.43
	9/28/2023	473.38	23.50	449.88	3.35	430.52
	10/27/2023	473.38	23.88	449.50	3.98	431.15
	11/6/2023	473.38	23.88	449.50	3.65	430.82
	12/21/2023	473.38	22.72	450.66	6.12	433.29
	1/24/2024	473.38	21.70	451.68	12.92	440.09
	2/19/2024	473.38	21.51	451.87	12.74	439.91
	3/26/2024	473.38	21.67	451.71	10.10	437.27
	4/12/2024	473.38	21.51	451.87	16.79	443.96
	5/15/2024	472.95	21.30	451.65	15.9	443.07
	6/17/2024	472.95	22.10	450.85	12.03	439.20
	7/25/2024	472.95	22.60	450.35	12.63	439.80
	8/21/2024	472.95	22.92	450.03	11.76	438.93
	9/9/2024	472.95	22.72	450.23	11.82	438.99
	10/25/2024	472.95	23.80	449.15	2.16	429.33
	11/18/2024	472.95	23.27	449.68	4.14	431.31
	12/10/2024	472.95	23.56	449.39	2.80	429.97
	1/7/2025	472.95	23.84	449.11	5.95	433.12
	2/24/2025	472.95	23.74	449.21	2.98	430.15
	3/28/2025	472.95	24.30	448.65	7.45	434.62
	4/24/2025	472.95	24.36	448.59	7.68	434.85
	5/19/2025	472.95	24.70	448.25	4.38	431.55
	6/27/2025	472.95	24.30	448.65	8.12	435.29
	7/22/2025	472.95	24.15	448.80	12.08	439.25
	8/11/2025	472.95	24.04	448.91	3.41	430.58
	9/16/2025	472.95	24.83	448.12	2.17	429.34
	10/21/2025	472.95	24.88	448.07	2.58	429.75
	11/10/2025	472.95	24.41	448.54	3.60	430.77
	12/18/2025	472.95	24.62	448.33	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.

(S) - Sand and Gravel Unit.

(CL) - Silty Clay/Silt Unit.

MSL - Mean Sea Level.

TOC - Top of Casing.

* - Data obtained from USGS Kingston Mine Gage.

BOLD - River elevation above groundwater elevation.

NA - USGS Illinois River data Not Available.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-15 (CL) downgradient	11/16/2015	471.37	25.33	446.04	4.38	431.55
	2/22/2016	471.37	22.91	448.46	7.97	435.14
	5/16/2016	471.37	24.71	446.66	14.53	441.70
	8/15/2016	471.37	23.45	447.92	7.11	434.28
	11/14/2016	471.37	23.94	447.43	6.35	433.52
	2/13/2017	471.37	23.73	447.64	NA	NA
	5/1/2017	471.37	23.27	448.10	17.09	444.26
	6/20/2017	471.37	22.86	448.51	11.93	439.10
	8/29/2017	471.37	23.13	448.24	3.86	431.03
	11/10/2017	471.37	25.13	446.24	6.89	434.06
	5/17/2018	471.37	23.85	447.52	9.93	437.10
	8/9/2018	471.37	23.96	447.41	2.13	429.30
	10/31/2018	471.37	24.55	446.82	4.21	431.38
	4/29/2019	471.37	23.57	447.80	14.04	441.21
	11/11/2019	471.37	23.79	447.58	15.92	443.09
	4/27/2020	471.37	23.95	447.42	12.64	439.81
	12/7/2020	471.37	25.01	446.36	2.97	430.14
	2/22/2021	471.37	27.74	443.63	6.21	433.38
	4/7/2021	471.37	24.44	446.93	10.23	437.40
	5/10/2021	471.37	24.62	446.75	10.71	437.88
	6/2/2021	471.37	24.12	447.25	10.7	437.87
	6/28/2021	471.37	24.19	447.18	12.11	439.28
	7/19/2021	471.37	24.01	447.36	15.06	442.23
	8/23/2021	471.37	24.38	446.99	3.49	430.66
	9/30/2021	471.37	24.91	446.46	2.49	429.66
	10/25/2021	471.37	24.92	446.45	13.08	440.25
	11/29/2021	471.37	24.60	446.77	5.17	432.34
	12/30/2021	471.37	24.90	446.47	6.68	433.85
	1/6/2022	471.37	25.04	446.33	6.45	433.62
	2/7/2022	471.37	25.09	446.28	4.4	431.57
	3/1/2022	471.37	25.11	446.26	16.04	443.21
	4/22/2022	471.37	24.18	447.19	NA	NA
	5/24/2022	471.37	24.27	447.10	11.42	438.59
	6/6/2022	471.37	24.29	447.08	8.21	435.38
	7/25/2022	471.37	25.05	446.32	5.36	432.53
	8/29/2022	471.37	25.45	445.92	2.55	429.72
	9/28/2022	471.37	25.54	445.83	2.37	429.54
	10/26/2022	471.37	26.00	445.37	4.36	431.53
	11/14/2022	471.37	26.14	445.23	3.2	430.37
	12/28/2022	471.37	27.84	443.53	NA	NA
	1/24/2023	471.37	25.26	446.11	7.29	434.46
	2/20/2023	471.37	25.24	446.13	7.6	434.77
	3/28/2023	471.37	24.81	446.56	14.9	442.07
	4/25/2023	471.37	24.56	446.81	9.4	436.57
	5/15/2023	471.37	24.64	446.73	8.78	435.95
	6/26/2023	471.37	25.18	446.19	2.42	429.59
	7/25/2023	471.37	25.53	445.84	3.67	430.84
	8/28/2023	471.37	25.60	445.77	3.26	430.43
	9/28/2023	471.37	25.78	445.59	3.35	430.52
	10/27/2023	471.37	26.00	445.37	3.98	431.15
	11/6/2023	471.37	26.04	445.33	3.65	430.82
	12/21/2023	471.37	25.86	445.51	6.12	433.29
	1/24/2024	471.37	25.19	446.18	12.92	440.09
	2/19/2024	471.37	24.52	446.85	12.74	439.91
	3/26/2024	471.37	24.44	446.93	10.10	437.27
	4/12/2024	471.37	24.35	447.02	16.79	443.96
	5/15/2024	471.37	23.89	447.48	15.9	443.07
	6/17/2024	471.37	24.08	447.29	12.03	439.20
	7/25/2024	471.37	24.23	447.14	12.63	439.80
	8/21/2024	471.37	24.28	447.09	11.76	438.93
	9/9/2024	471.37	24.48	446.89	11.82	438.99
	10/25/2024	471.37	25.12	446.25	2.16	429.33
	11/18/2024	471.37	25.01	446.36	4.14	431.31
	12/10/2024	471.37	25.13	446.24	2.80	429.97
	1/7/2025	471.37	25.34	446.03	5.95	433.12
	2/24/2025	471.37	25.23	446.14	2.98	430.15
	3/28/2025	471.37	25.02	446.35	7.45	434.62
	4/24/2025	471.37	24.97	446.40	7.68	434.85
	5/19/2025	471.37	25.06	446.31	4.38	431.55
	6/27/2025	471.37	24.82	446.55	8.12	435.29
	7/22/2025	471.37	24.95	446.42	12.08	439.25
	8/11/2025	471.37	25.20	446.17	3.41	430.58
	9/16/2025	471.37	25.45	445.92	2.17	429.34
	10/21/2025	471.37	25.79	445.58	2.58	429.75
	11/10/2025	471.37	25.93	445.44	3.60	430.77
	12/18/2025	471.37	26.02	445.35	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.

(S) - Sand and Gravel Unit.

(CL) - Silty Clay/Silt Unit.

MSL - Mean Sea Level.

TOC - Top of Casing.

* - Data obtained from USGS Kingston Mine Gage.

BOLD - River elevation above groundwater elevation.

NA - USGS Illinois River data Not Available.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-17 (CL) downgradient	11/16/2015	467.75	26.92	440.83	4.38	431.55
	2/22/2016	467.75	19.86	447.89	7.97	435.14
	5/16/2016	467.75	20.42	447.33	14.53	441.70
	8/15/2016	467.75	21.61	446.14	7.11	434.28
	11/14/2016	467.75	21.39	446.36	6.35	433.52
	2/13/2017	467.75	19.66	448.09	NA	NA
	5/1/2017	467.75	18.78	448.97	17.09	444.26
	6/20/2017	467.75	19.42	448.33	11.93	439.10
	8/29/2017	467.75	22.68	445.07	3.86	431.03
	11/6/2017	467.75	24.66	443.09	6.89	434.06
	5/14/2018	467.75	19.79	447.96	9.93	437.10
	8/6/2018	467.75	21.03	446.72	2.13	429.30
	10/29/2018	467.75	21.98	445.77	4.21	431.38
	4/29/2019	467.75	18.75	449.00	14.04	441.21
	11/11/2019	467.75	19.60	448.15	15.92	443.09
	4/27/2020	467.75	19.15	448.60	12.64	439.81
	12/7/2020	467.75	24.12	443.63	2.97	430.14
	2/22/2021	467.75	20.22	447.53	6.21	433.38
	4/7/2021	467.75	19.69	448.06	10.23	437.40
	5/10/2021	467.75	20.00	447.75	10.71	437.88
	6/2/2021	467.75	19.65	448.10	10.7	437.87
	6/28/2021	467.75	19.98	447.77	12.11	439.28
	7/19/2021	467.75	19.57	448.18	15.06	442.23
	8/23/2021	467.75	20.15	447.60	3.49	430.66
	9/30/2021	467.75	23.25	444.50	2.49	429.66
	10/28/2021	467.75	23.35	444.40	13.08	440.25
	11/29/2021	467.75	20.64	447.11	5.17	432.34
	12/30/2021	467.75	22.61	445.14	6.68	433.85
	1/6/2022	467.75	23.19	444.56	6.45	433.62
	2/7/2022	467.75	22.03	445.72	4.4	431.57
	3/1/2022	467.75	19.97	447.78	16.04	443.21
	4/22/2022	467.75	19.36	448.39	NA	NA
	5/24/2022	467.75	19.38	448.37	11.42	438.59
	6/6/2022	467.75	19.45	448.30	8.21	435.38
	7/25/2022	467.75	20.39	447.36	5.36	432.53
	8/29/2022	467.75	23.75	444.00	2.55	429.72
	9/28/2022	467.75	25.38	442.37	2.37	429.54
	10/26/2022	467.75	27.49	440.26	4.36	431.53
	11/14/2022	467.75	27.73	440.02	3.2	430.37
	12/28/2022	467.75	27.47	440.28	NA	NA
	1/24/2023	467.75	23.08	444.67	7.29	434.46
	2/20/2023	467.75	20.29	447.46	7.6	434.77
	3/28/2023	467.75	19.43	448.32	14.9	442.07
	4/25/2023	467.75	19.31	448.44	9.4	436.57
	5/15/2023	467.75	19.60	448.15	8.78	435.95
	6/26/2023	467.75	20.42	447.33	2.42	429.59
	7/25/2023	467.75	21.26	446.49	3.67	430.84
	8/28/2023	467.75	21.13	446.62	3.26	430.43
	9/28/2023	467.75	23.65	444.10	3.35	430.52
	10/27/2023	467.75	24.26	443.49	3.98	431.15
	11/6/2023	467.75	24.42	443.33	3.65	430.82
	12/21/2023	467.75	24.85	442.90	6.12	433.29
	1/24/2024	467.75	20.92	446.83	12.92	440.09
	2/19/2024	467.75	19.49	448.26	12.74	439.91
	3/26/2024	467.75	19.69	448.06	10.10	437.27
	4/12/2024	467.75	19.48	448.27	16.79	443.96
	5/15/2024	467.75	19.04	448.71	15.9	443.07
	6/17/2024	467.75	19.42	448.33	12.03	439.20
	7/25/2024	467.75	19.95	447.80	12.63	439.80
	8/21/2024	467.75	20.29	447.46	11.76	438.93
	9/9/2024	467.75	20.75	447.00	11.82	438.99
	10/25/2024	467.75	24.40	443.35	2.16	429.33
	11/18/2024	467.75	25.00	442.75	4.14	431.31
	12/10/2024	467.75	25.21	442.54	2.80	429.97
	1/7/2025	467.75	29.35	438.40	5.95	433.12
	2/24/2025	467.75	28.70	439.05	2.98	430.15
	3/28/2025	467.75	27.46	440.29	7.45	434.62
	4/24/2025	467.75	26.46	441.29	7.68	434.85
	5/19/2025	467.75	28.28	439.47	4.38	431.55
	6/27/2025	467.75	28.03	439.72	8.12	435.29
	7/22/2025	467.75	28.94	438.81	12.08	439.25
	8/11/2025	467.75	DRY	DRY	3.41	430.58
	9/16/2025	467.75	29.53	438.22	2.17	429.34
	10/21/2025	467.75	DRY	DRY	2.58	429.75
	11/10/2025	467.75	DRY	DRY	3.60	430.77
	12/18/2025	467.75	DRY	DRY	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.

(S) - Sand and Gravel Unit.

(CL) - Silty Clay/Silt Unit.

MSL - Mean Sea Level.

TOC - Top of Casing.

* - Data obtained from USGS Kingston Mine Gage.

BOLD - River elevation above groundwater elevation.

NA - USGS Illinois River data Not Available.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-18 (S) downgradient	11/16/2015	469.28	28.42	440.86	4.38	431.55
	2/22/2016	469.28	27.96	441.32	7.97	435.14
	5/16/2016	469.28	25.57	443.71	14.53	441.70
	8/15/2016	469.28	27.86	441.42	7.11	434.28
	11/14/2016	469.28	27.39	441.89	6.35	433.52
	2/13/2017	469.28	25.06	444.22	NA	NA
	5/1/2017	469.28	22.49	446.79	17.09	444.26
	6/20/2017	469.28	24.97	444.31	11.93	439.10
	8/28/2017	469.28	27.30	441.98	3.86	431.03
	11/6/2017	469.28	26.33	442.95	6.89	434.06
	5/14/2018	469.28	24.65	444.63	9.93	437.10
	8/6/2018	469.28	25.67	443.61	2.13	429.30
	10/29/2018	469.28	25.79	443.49	4.21	431.38
	4/29/2019	469.28	23.00	446.28	14.04	441.21
	11/11/2019	469.28	23.94	445.34	15.92	443.09
	4/27/2020	469.28	23.97	445.31	12.64	439.81
	12/7/2020	469.28	27.82	441.46	2.97	430.14
	2/22/2021	469.28	26.69	442.59	6.21	433.38
	4/7/2021	469.28	24.94	444.34	10.23	437.40
	5/10/2021	469.28	25.96	443.32	10.71	437.88
	6/2/2021	469.28	24.70	444.58	10.7	437.87
	6/28/2021	469.28	25.60	443.68	12.11	439.28
	7/19/2021	469.28	23.50	445.78	15.06	442.23
	8/23/2021	469.28	27.35	441.93	3.49	430.66
	9/30/2021	469.28	29.70	439.58	2.49	429.66
	10/25/2021	469.28	27.35	441.93	13.08	440.25
	11/29/2021	469.28	26.81	442.47	5.17	432.34
	12/30/2021	469.28	27.14	442.14	6.68	433.85
	1/6/2022	469.28	26.57	442.71	6.45	433.62
	2/7/2022	469.28	27.83	441.45	4.4	431.57
	3/1/2022	469.28	24.45	444.83	16.04	443.21
	4/22/2022	469.28	23.77	445.51	NA	NA
	5/24/2022	469.28	25.04	444.24	11.42	438.59
	6/6/2022	469.28	25.71	443.57	8.21	435.38
	7/25/2022	469.28	28.62	440.66	5.36	432.53
	8/29/2022	469.28	28.66	440.62	2.55	429.72
	9/28/2022	469.28	32.19	437.09	2.37	429.54
	10/26/2022	469.28	33.26	436.02	4.36	431.53
	11/14/2022	469.28	32.95	436.33	3.2	430.37
	12/28/2022	469.28	28.44	440.84	NA	NA
	1/24/2023	469.28	28.65	440.63	7.29	434.46
	2/20/2023	469.28	28.44	440.84	7.6	434.77
	3/28/2023	469.28	26.78	442.50	14.9	442.07
	4/25/2023	469.28	25.35	443.93	9.4	436.57
	5/15/2023	469.28	26.46	442.82	8.78	435.95
	6/26/2023	469.28	30.11	439.17	2.42	429.59
	7/25/2023	469.28	28.93	440.35	3.67	430.84
	8/28/2023	469.28	29.87	439.41	3.26	430.43
	9/28/2023	469.28	30.02	439.26	3.35	430.52
	10/27/2023	469.28	29.29	439.99	3.98	431.15
	11/6/2023	469.28	29.54	439.74	3.65	430.82
	12/21/2023	469.28	28.68	440.60	6.12	433.29
	1/24/2024	469.28	26.47	442.81	12.92	440.09
	2/19/2024	469.28	24.46	444.82	12.74	439.91
	3/26/2024	469.28	26.46	442.82	10.10	437.27
	4/12/2024	469.28	23.98	445.30	16.79	443.96
	5/15/2024	469.28	23.36	445.92	15.9	443.07
	6/17/2024	469.28	26.71	442.57	12.03	439.20
	7/25/2024	469.28	26.15	443.13	12.63	439.80
	8/21/2024	469.28	28.88	440.40	11.76	438.93
	9/9/2024	469.28	30.78	438.50	11.82	438.99
	10/25/2024	469.28	29.16	440.12	2.16	429.33
	11/18/2024	469.28	28.83	440.45	4.14	431.31
	12/10/2024	469.28	30.18	439.10	2.80	429.97
	1/7/2025	469.28	29.73	439.55	5.95	433.12
	2/24/2025	469.28	28.81	440.47	2.98	430.15
	3/28/2025	469.28	27.19	442.09	7.45	434.62
	4/24/2025	469.28	26.81	442.47	7.68	434.85
	5/19/2025	469.28	28.68	440.60	4.38	431.55
	6/27/2025	469.28	27.61	441.67	8.12	435.29
	7/22/2025	469.28	28.68	440.60	12.08	439.25
	8/11/2025	469.28	28.51	440.77	3.41	430.58
	9/16/2025	469.28	31.02	438.26	2.17	429.34
	10/21/2025	469.28	32.27	437.01	2.58	429.75
	11/10/2025	469.28	31.49	437.79	3.60	430.77
	12/18/2025	469.28	32.83	436.45	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.
 (S) - Sand and Gravel Unit. * - Data obtained from USGS Kingston Mine Gage.
 (CL) - Silty Clay/Silt Unit. BOLD - River elevation above groundwater elevation.
 MSL - Mean Sea Level. NA - USGS Illinois River data Not Available.
 TOC - Top of Casing.

Table 1. Groundwater Elevations for ABB/ASB Wells - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-19 (S) upgradient	11/14/2016	465.07	22.65	442.42	6.35	433.52
	2/13/2017	465.07	21.27	443.80	NA	NA
	5/1/2017	465.07	18.39	446.68	17.09	444.26
	6/20/2017	465.07	20.44	444.63	11.93	439.10
	8/28/2017	465.07	23.60	441.47	3.86	431.03
	11/9/2017	465.07	23.80	441.27	6.89	434.06
	5/14/2018	465.07	22.08	442.99	9.93	437.10
	8/6/2018	465.07	24.14	440.93	2.13	429.30
	10/29/2018	465.07	24.31	440.76	4.21	431.38
	4/29/2019	465.07	19.12	445.95	14.04	441.21
	11/11/2019	465.07	18.80	446.27	15.92	443.09
	4/27/2020	465.07	19.94	445.13	12.64	439.81
	12/7/2020	465.07	24.63	440.44	2.97	430.14
	2/22/2021	465.07	24.23	440.84	6.21	433.38
	4/7/2021	465.07	21.60	443.47	10.23	437.40
	5/10/2021	465.07	22.75	442.32	10.71	437.88
	6/2/2021	465.07	21.24	443.83	10.7	437.87
	6/28/2021	465.07	22.41	442.66	12.11	439.28
	7/19/2021	465.07	19.75	445.32	15.06	442.23
	8/23/2021	465.07	23.31	441.76	3.49	430.66
	9/30/2021	465.07	24.85	440.22	2.49	429.66
	10/27/2021	465.07	23.36	441.71	13.08	440.25
	11/29/2021	465.07	22.75	442.32	5.17	432.34
	12/30/2021	465.07	23.65	441.42	6.68	433.85
	1/6/2022	465.07	24.04	441.03	6.45	433.62
	2/7/2022	465.07	24.46	440.61	4.4	431.57
	3/1/2022	465.07	21.05	444.02	16.04	443.21
	4/22/2022	465.07	19.34	445.73	NA	NA
	5/24/2022	465.07	20.34	444.73	11.42	438.59
	6/6/2022	465.07	21.05	444.02	8.21	435.38
	7/25/2022	465.07	23.98	441.09	5.36	432.53
	8/29/2022	465.07	25.08	439.99	2.55	429.72
	9/28/2022	465.07	25.97	439.10	2.37	429.54
	10/26/2022	465.07	26.81	438.26	4.36	431.53
	11/14/2022	465.07	26.79	438.28	3.2	430.37
	12/28/2022	465.07	25.95	439.12	NA	NA
	1/24/2023	465.07	25.93	439.14	7.29	434.46
	2/20/2023	465.07	25.29	439.78	7.6	434.77
	3/28/2023	465.07	21.40	443.67	14.9	442.07
	4/25/2023	465.07	21.52	443.55	9.4	436.57
	5/15/2023	465.07	22.94	442.13	8.78	435.95
	6/26/2023	465.07	25.76	439.31	2.42	429.59
	7/25/2023	465.07	25.69	439.38	3.67	430.84
	8/28/2023	465.07	26.24	438.83	3.26	430.43
	9/28/2023	465.07	26.86	438.21	3.35	430.52
	10/27/2023	465.07	26.97	438.10	3.98	431.15
	11/6/2023	465.07	27.07	438.00	3.65	430.82
	12/21/2023	465.07	27.13	437.94	6.12	433.29
	1/24/2024	465.07	23.97	441.10	12.92	440.09
	2/19/2024	465.07	21.30	443.77	12.74	439.91
	3/26/2024	465.07	22.70	442.37	10.10	437.27
	4/12/2024	465.07	20.81	444.26	16.79	443.96
	5/15/2024	465.07	19.52	445.55	15.9	443.07
	6/17/2024	465.07	22.02	443.05	12.03	439.20
	7/25/2024	465.07	22.62	442.45	12.63	439.80
	8/21/2024	465.07	24.35	440.72	11.76	438.93
	9/9/2024	465.07	25.57	439.50	11.82	438.99
	10/25/2024	465.07	26.82	438.25	2.16	429.33
	11/18/2024	465.07	26.52	438.55	4.14	431.31
	12/10/2024	465.07	26.92	438.15	2.80	429.97
	1/7/2025	465.07	26.63	438.44	5.95	433.12
	2/24/2025	465.07	27.26	437.81	2.98	430.15
	3/28/2025	465.07	25.10	439.97	7.45	434.62
	4/24/2025	465.07	24.26	440.81	7.68	434.85
	5/19/2025	465.07	25.83	439.24	4.38	431.55
	6/27/2025	465.07	24.58	440.49	8.12	435.29
	7/22/2025	465.07	26.29	438.78	12.08	439.25
	8/11/2025	465.07	26.63	438.44	3.41	430.58
	9/16/2025	465.07	27.50	437.57	2.17	429.34
	10/21/2025	465.07	28.06	437.01	2.58	429.75
	11/10/2025	465.07	28.03	437.04	3.60	430.77
	12/18/2025	465.07	28.20	436.87	2.93	430.10

Notes: Elevations are in feet above mean sea level and Depths are in feet below top of casing.

(S) - Sand and Gravel Unit.

(CL) - Silty Clay/Silt Unit.

MSL - Mean Sea Level.

TOC - Top of Casing.

* - Data obtained from USGS Kingston Mine Gage.

BOLD - River elevation above groundwater elevation.

NA - USGS Illinois River data Not Available.

Table 2. Groundwater Flow Direction and Estimated Seepage Velocity/Flow Rate - Powerton Generation Station ABB/ASB

DATE	Screened Unit	Groundwater Flow Direction	Kavg (ft/sec)*	Average Hydraulic Gradient (ft/ft)	Porosity (unitless)**	Estimated Seepage Velocity (ft/day)
6/17/2024	Silt/clay	Westerly	3.280E-07	0.0371	0.4	0.0026
6/17/2024	Silt/clay	Easterly	3.280E-07	0.0623	0.4	0.0044
6/17/2024	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0036	0.35	1.23
9/9/2024	Silt/clay	Westerly	3.280E-07	0.0496	0.4	0.0035
9/9/2024	Silt/clay	Easterly	3.280E-07	0.0598	0.4	0.0042
9/9/2024	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0049	0.35	1.67
11/18/2024	Silt/clay	Westerly	3.280E-07	0.0358	0.4	0.0025
11/18/2024	Silt/clay	Easterly	3.280E-07	0.0658	0.4	0.0047
11/18/2024	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0039	0.35	1.36
2/25/2025	Silt/clay	Westerly	3.280E-07	0.0374	0.4	0.0026
2/25/2025	Silt/clay	Easterly	3.280E-07	0.0506	0.4	0.0036
2/25/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0037	0.35	1.29
5/19/2025	Silt/clay	Westerly	3.280E-07	0.0420	0.4	0.0030
5/19/2025	Silt/clay	Easterly	3.280E-07	0.0440	0.4	0.0031
5/19/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0037	0.35	1.26
8/11/2025	Silt/clay	Westerly	3.280E-07	0.0344	0.4	0.0024
8/11/2025	Silt/clay	Easterly	3.280E-07	0.0582	0.4	0.0041
8/11/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0035	0.35	1.22
11/10/2025	Silt/clay	Westerly	3.280E-07	0.0420	0.4	0.0030
11/10/2025	Silt/clay	Easterly	3.280E-07	0.0543	0.4	0.0038
11/10/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0040	0.35	1.37

* Kavg -

K values from re-evaluation of slug test data as part of groundwater modeling in support of Application for Construction Permit per Illinois State CCR Rule. Average hydraulic conductivity for silt/clay unit (feet/second) from Groundwater, Freeze and Cherry, 1979.

**- Porosity estimates from Applied Hydrogeology, Fetter, 1980.

Table 3. CCR Groundwater Sample Collection Summary for 2025 - Powerton Generating Station Ash Bypass Basin & Ash Surge Basin

Well ID	Number of Groundwater Sampling Events	Dates of Groundwater Sampling Events	Detection Monitoring (D) versus Assessment Monitoring (A)
MW-01 (Upgradient)	4	2/27/2025	A
		5/21/2025	A
		8/12/2025	A
		11/11/2025	A
MW-09 (Upgradient)	4	2/27/2025	A
		5/19/2025	A
		8/14/2025	A
		11/12/2025	A
MW-19 (Upgradient)	4	2/28/2025	A
		5/22/2025	A
		8/14/2025	A
		11/13/2025	A
MW-08 (Downgradient)	4	2/26/2025	A
		5/19/2025	A
		8/14/2025	A
		11/12/2025	A
MW-11 (Downgradient)	4	2/24/2025	A
		5/20/2025	A
		8/13/2025	A
		11/12/2025	A
MW-12R (Downgradient)	4	2/27/2025	A
		5/21/2025	A
		8/13/2025	A
		11/12/2025	A
MW-15 (Downgradient)	4	2/25/2025	A
		5/21/2025	A
		8/12/2025	A
		11/11/2025	A
MW-17 (Downgradient)	4	2/25/2025	A
		5/22/2025	A
		8/12/2025	A
		11/14/2025	A
MW-18 (Downgradient)	4	2/27/2025	A
		5/22/2025	A
		8/14/2025	A
		11/13/2025	A

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids					
MW-01 (S) upgradient	11/16/2015	1.0	98	44	0.17	7.07	93	530					
	2/25/2016	0.2	110	42	0.16	7.23	54	460					
	5/20/2016	0.34	100	44	0.17	6.95	65	430					
	8/17/2016	0.27	78	39	0.25	7.16	50	530					
	11/16/2016	0.18	97	39	0.21	7.22	32	500					
	2/14/2017	0.18	120	55	0.17	7.30	60	550					
	5/3/2017	0.19	86	66	0.16	7.41	45	460					
	6/21/2017	0.18	85	58	0.18	7.60	47	540					
	Pred. Limit*	1.0	142	81	0.25	7.90-6.58	115	648					
	8/25/2017	0.56	86	41	0.18	7.41	63	490					
	11/8/2017	0.57	130	38	0.12	6.69	61	640					
	5/17/2018	0.15	88	50	0.12	6.7	48	540					
	8/8/2018	0.14	86	48	0.13	6.8	43	430					
	4/30/2019	0.07	78	54	0.17	7.2	27	450					
	11/13/2019	0.52	95	47	0.18	7.51	41	390					
	4/28/2020	0.33	110	46	0.19	7.17	41	470					
	12/7/2020	0.6	100	54	0.25	7.22	55	490					
	5/11/2021	0.23	84	53	0.20	7.52	38	450					
	8/24/2021	0.26	98	40	0.18	7.19	56	450					
	11/30/2021	0.33	97	42	0.20	7.14	~	28	410				
	2/9/2022	0.18	95	47	0.17	7.33	47	520					
	6/7/2022	0.23	82	51	0.15	7.62	27	440					
	8/30/2022	0.59	100	44	0.13	7.1	66	700					
	11/15/2022	0.71	110	45	0.10	7.15	44	520					
	2/22/2023	0.47	110	53	<	0.10	7.51	47	550				
	5/17/2023	0.32	91	55	0.12	7.23	33	450					
	8/29/2023	0.53	100	50	<	0.10	6.98	43	520				
	11/7/2023	0.48	110	45	<	0.10	6.95	63	550				
	2/21/2024	1.3	120	47	0.10	7.12	79	680					
	6/19/2024	0.14	100	78	0.12	6.48	29	550					
	7/25/2024 R	NS	NS	NS	NS	6.80	NS	NS					
	9/10/2024	0.18	78	F1	0.15	7.17	35	430					
	11/21/2024	1.4	110	46	0.11	7.03	51	580					
	2/27/2025	1.1	120	52	<	0.10	6.98	48	560				
	5/21/2025	0.20	100	84	0.11	7.01	31	470					
	8/12/2025	1.4	110	52	F1	0.27	6.98	51	590				
	11/11/2025	1.0	120	62	0.14	6.87	45	540					
	MW-09 (S) upgradient	11/18/2015	2.0	63	H	31	H	0.19	7.15	H	110	H	440
		2/25/2016	2.3	77		36		0.19	7.34		120		500
		5/19/2016	2.0	73		38		0.17	7.30		100		520
8/17/2016		2.7	74		39		0.15	7.32		120		750	
11/17/2016		4.5	85		38		0.13	7.37		110		630	
2/15/2017		4.1	84		38		0.13	6.94		160		620	
5/3/2017		3.5	85		38		0.17	7.48		170		680	
6/21/2017		3.3	82		38		0.14	7.63		180		760	
Pred. Limit*		6.19	103	39	0.24	7.99-6.64	236	1000					
8/25/2017		3.8	85		36		0.14	7.30		150		630	
11/8/2017		4.0	89		37		0.13	6.92		190		650	
5/16/2018		4.1	89		36		0.15	7.83		180		550	
8/8/2018		4.3	86		39		0.14	7.31		180		690	
5/1/2019		4.6	79		37		0.17	7.11		170		640	
11/14/2019		2.5	85		36		0.18	7.49		82		500	
4/29/2020		2.0	71		34		0.2	7.19		140		510	
12/8/2020		2.6	65		34		0.22	7.29		63		400	
5/13/2021		2.0	74		33		0.2	7.33		120		410	
8/25/2021		2.2	80		32		0.17	7.11		130		420	
12/1/2021		3.2	79		32		0.2	7.22	~	100		570	
2/10/2022		3.5	79		33		0.23	7.12		120		510	
6/8/2022		3.2	70		31		0.21	7.52		150		510	
8/31/2022		3.2	79		30		0.18	7.18		140		530	
11/15/2022		3.7	77		32		0.25	7.39		130		490	
2/23/2023		4.6	71		31		0.18	7.92		150		520	
5/16/2023		3.9	70		30		0.16	7.46		130		510	
8/30/2023		2.8	73		30		0.15	7.25		120		500	
11/8/2023		3.2	87		25		0.14	7.15		130		570	
2/21/2024		3.5	73		31		0.17	7.47		150		610	
6/20/2024		2.9	69		29		0.17	7.23		120		590	
9/11/2024		2.6	82		26		0.15	7.20		110		550	
11/20/2024		2.2	82		20		0.13	7.15		95		520	
2/27/2025		3.1	93		32		0.14	7.22		57		560	
5/19/2025		2.5	85		31		0.14	7.27		110		470	
8/14/2025		2.3	82		28		0.19	7.42		94	B	530	
11/12/2025		2.3	83		31		0.15	7.19		98		500	

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

Italicized Date - Assessment Monitoring conducted after identification of detections (Appendix IV constituents only).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-01/MW-09. All others based on MW-01 as background.

^ - Recently installed upgradient well. Insufficient rounds of sampling for statistical evaluation at this time.

Pred. Limit - Prediction Limit

BOLD - Potential statistically significant increase.

(S) - Sand and Gravel Unit

(CL) - Silty Clay/Silt Unit

R - Resample

NA - Not Analyzed.

NS - Not sampled due to insufficient water volume.

DNYA - Data Not Yet Available.

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

H - Sample was processed beyond specified holding time.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-19 ^A (S) upgradient	11/18/2016	3.8	89	38	0.13	7.34	120	670
	2/15/2017	4.7	88	37	0.13	7.50	180	630
	5/5/2017	3.3	88	38	0.14	7.51	160	640
	6/21/2017	2.3	110	35	0.12	7.30	170	690
	8/28/2017	3.5	97	36	0.16	7.20	160	700
	11/6/2017	4.5	86	35	0.17	7.26	190	640
	5/14/2018	4.1	96	35	0.16	7.92	180	820
	8/6/2018	3.8	100	37	0.13	7.57	170	720
	Pred. Limit*	6.2	121	41	0.20	8.20-6.70	236	890
	5/2/2019	3.7	100	39	0.13	6.86	160	700
	11/13/2019	2.5	130	53	0.15	7.51	140	740
	4/27/2020	2.3	100	43	0.17	6.87	110	570
	12/7/2020	3.3	74	34	0.19	7.30	F1 76	420
	5/10/2021	2.3	68	33	0.17	7.36	110	420
	8/26/2021	2.1	85	32	0.11	7.12	130	320
	12/1/2021	3.5	89	31	0.17	7.25	^ 120	620
	2/7/2022	3.9	77	34	0.17	7.18	140	600
	6/6/2022	2.7	92	33	0.12	7.08	130	560
	8/30/2022	0.7	140	200	0.32	7.29	45	1100
	11/16/2022	4.3	80	34	0.22	7.27	160	580
	2/21/2023	3.9	70	33	0.14	7.79	170	680
	5/18/2023	3.8	78	31	0.13	7.26	150	580
	8/29/2023	3	80	32	0.18	7.16	120	610
	11/8/2023	3.7	80	32	0.16	7.34	180	610
	2/19/2024	3.8	73	36	0.19	7.53	150	600
	6/17/2024	2.1	110	43	0.15	6.88	F1 130	710
	9/13/2024	2.4	100	39	0.18	6.78	88	600
	11/20/2024	F1 3.1	79	28	0.22	7.26	130	560
	2/28/2025	3.2	79	33	0.18	7.33	120	530
	5/22/2025	2.6	77	31	0.16	7.34	110	490
	8/14/2025	2.4	77	29	F1 0.24	7.33	95	B 530
	11/13/2025	2.8	72	34	0.16	7.37	110	540
MW-08 (CL) downgradient	11/18/2015	1.5	160	H 170	H 0.44	7.61	H 470	H 1300
	2/25/2016	1.7	160	200	0.30	7.00	280	1100
	5/18/2016	1.7	160	140	0.34	7.67	300	1200
	8/17/2016	1.0	150	230	0.35	7.33	360	1400
	11/15/2016	1.2	140	290	0.33	6.90	230	1300
	2/16/2017	1.5	150	460	0.28	7.00	230	1500
	5/2/2017	0.55	140	300	0.33	7.30	320	1300
	6/21/2017	1.2	160	490	0.30	7.27	350	1700
	Pred. Limit	1.0	136	77	0.24**	7.73-6.83**	107	788**
	8/29/2017	1.2	150	360	0.47	7.29	300	1500
	11/8/2017	0.68	130	260	0.45	7.27	270	1200
	5/17/2018	1.2	130	200	0.37	6.79	170	1000
	8/8/2018	1.1	140	270	0.32	6.93	190	1200
	5/1/2019	0.54	95	73	0.35	7.60	85	600
	11/13/2019	0.98	110	92	0.33	7.66	110	640
	4/28/2020	0.74	110	120	0.38	7.58	58	660
	12/14/2020	0.73	120	150	0.38	7.40	92	530
	5/11/2021	0.54	97	120	0.39	7.64	110	680
	8/25/2021	0.6	100	110	0.35	7.28	100	550
	12/1/2021	0.64	110	97	0.36	7.50	^ 66	690
	2/10/2022	0.81	110	130	0.37	7.54	55	670
	6/8/2022	0.73	130	180	0.3	7.71	53	790
	8/30/2022	0.7	140	210	0.32	7.37	50	1200
	11/15/2022	0.68	130	200	0.45	7.67	41	780
	2/22/2023	0.66	130	140	0.32	8.11	61	800
	5/17/2023	0.61	120	110	0.34	7.68	62	720
	8/29/2023	0.67	110	140	0.34	7.64	49	700
	11/7/2023	0.72	120	130	0.32	7.67	86	790
	12/22/2023 R	NA	NA	NA	NA	NA	NA	710
	2/21/2024	0.74	120	69	0.29	7.81	89	710
	6/20/2024	0.85	140	120	0.30	7.26	150	920
	7/25/2024 R	NS	NS	NS	NS	NS	220	950
	9/11/2024	0.79	130	110	0.28	7.23	170	780
	11/21/2024	0.65	120	120	0.31	7.37	120	770
	2/26/2025	0.55	120	150	0.30	7.34	180	810
	5/19/2025	0.51	110	130	0.33	7.27	160	690
	8/14/2025	0.45	110	130	0.50	7.35	150	B 760
	11/12/2025	0.37	120	140	0.41	7.53	170	770

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

Italicized Date - Assessment Monitoring conducted after identification of detections (Appendix IV constituents only).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-01/MW-09. All others based on MW-01 as background.

^ - Recently installed upgradient well. Insufficient rounds of sampling for statistical evaluation at this time.

Pred. Limit - Prediction Limit

BOLD - Potential statistically significant increase.

(S) - Sand and Gravel Unit

(CL) - Silty Clay/Silt Unit

R - Resample

NA - Not Analyzed.

NS - Not sampled due to insufficient water volume.

DNYA - Data Not Yet Available.

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

H - Sample was processed beyond specified holding time.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-11 (S) downgradient	11/18/2015	1.7	110	H 54	H 0.55	7.06	H 160	H 670
	2/26/2016	1.5	140	120	0.55	7.25	220	850
	5/20/2016	1.6	140	120	0.56	7.10	210	920
	8/17/2016	1.0	130	93	0.67	7.08	180	910
	11/17/2016	1.2	140	130	0.44	7.21	240	1100
	2/16/2017	1.6	140	110	0.40	6.62	260	910
	5/3/2017	1.3	160	160	0.42	7.36	440	1300
	6/22/2017	1.2	140	120	0.60	7.21	260	1000
	Pred. Limit	1.0	136	77	0.24**	7.73-6.83**	107	788**
	8/29/2017	2.2	130	83	0.52	7.23	310	1100
	11/9/2017	1.5	140	100	0.59	6.96	230	970
	5/16/2018	2.0	140	88	0.61	7.89	270	1000
	8/9/2018	1.4	160	120	0.65	7.24	220	1000
	5/1/2019	2.3	110	60	0.62	7.08	200	730
	11/14/2019	1.8	120	83	0.55	7.43	150	890
	4/29/2020	1.2	100	110	0.62	7.08	320	950
	12/8/2020	0.7	86	94	0.67	7.26	200	650
	5/11/2021	1.0	99	130	0.72	7.26	230	820
	8/25/2021	0.9	100	100	0.65	7.03	210	800
	12/1/2021	1.2	100	85	0.67	7.17	160	850
	2/10/2022	0.9	110	110	0.68	7.11	220	920
	6/8/2022	1.7	110	75	0.64	7.35	150	710
	8/31/2022	1.2	120	100	0.61	6.97	190	830
	11/15/2022	2.2	110	61	0.84	7.21	110	690
	2/23/2023	3.1	110	63	0.58	7.7	120	680
	5/16/2023	2.5	120	65	0.52	7.19	120	690
	8/30/2023	2.1	110	69	0.54	7.04	87	760
	11/8/2023	2.2	110	63	0.50	7.10	160	710
	2/21/2024	1.8	140	69	0.52	7.26	73	860
	6/20/2024	2.4	120	63	0.51	7.03	110	790
	9/9/2024	1.8	130	56	0.50	7.18	82	700
	11/20/2024	1.4	100	56	0.53	7.13	77	720
	2/24/2025	2.1	130	59	0.47	6.99	96	690
	5/20/2025	1.9	130	65	0.48	7.12	82	700
	8/13/2025	2.0	120	55	0.72	7.15	86	680
	11/12/2025	1.5	130	62	0.53	6.99	72	670
MW-12 / 12R (CL) downgradient	11/19/2015	0.94	160	H 220	H 0.57	7.12	H 650	H 1400
	2/26/2016	0.42	130	200	0.40	7.96	530	1200
	5/20/2016	0.65	150	200	0.49	7.28	550	1400
	8/18/2016	0.69	170	200	0.49	7.06	620	1600
	11/18/2016	0.83	140	180	0.46	7.34	340	1300
	2/16/2017	0.48	140	190	0.37	7.54	630	1300
	5/3/2017	0.49	120	190	0.37	7.47	500	1200
	6/22/2017	0.50	130	190	0.48	7.36	580	1400
	Pred. Limit	1.0	136	77	0.24**	7.73-6.83**	107	788**
	8/29/2017	0.78	140	180	0.52	7.34	520	1400
	11/10/2017	0.94	130	170	0.48	7.38	370	1200
	5/16/2018	0.46	100	180	0.47	8.12	720	1500
	8/9/2018	0.61	120	190	0.44	7.42	480	1300
	5/1/2019	0.4	100	170	0.38	7.68	330	1000
	11/14/2019	0.74	120	160	0.45	7.61	280	1100
	4/29/2020	0.34	71	150	0.34	7.96	360	980
	12/8/2020	0.61	92	160	0.56	7.36	320	990
	5/13/2021	0.4	89	140	0.23	7.39	350	990
	8/25/2021	0.5	82	130	0.46	7.43	220	740
	12/1/2021	0.53	72	130	0.52	7.38	170	730
	2/10/2022	0.35	96	140	0.27	7.28	320	980
	6/8/2022	0.49	98	140	0.41	7.65	320	950
	8/31/2022	0.62	100	150	0.5	7.33	260	870
	11/15/2022	0.58	90	150	0.74	7.66	220	810
	2/23/2023	0.28	100	160	0.38	8.18	340	950
	5/16/2023	0.32	89	150	0.34	7.96	240	840
	8/30/2023	0.50	91	170	0.38	7.33	280	1000
	11/8/2023	0.52	90	140	0.49	7.56	230	770
	2/20/2024	0.33	110	150	0.37	7.90	360	1100
	6/20/2024	0.48	110	140	0.35	7.47	330	1200
	9/11/2024	0.57	120	160	0.42	7.37	370	1100
	11/20/2024	0.52	99	130	0.38	7.50	230	850
	2/27/2025	0.42	110	130	0.48	7.32	120	810
	5/21/2025	0.49	100	140	0.57	7.45	200	790
	8/13/2025	0.48	110	130	0.73	7.20	210	790
	11/12/2025	0.48	100	150	0.56	7.45	200	810

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

Italicized Date - Assessment Monitoring conducted after identification of detections (Appendix IV constituents only).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-01/MW-09. All others based on MW-01 as background.

^ - Recently installed upgradient well. Insufficient rounds of sampling for statistical evaluation at this time.

Pred. Limit - Prediction Limit

NA - Not Analyzed.

BOLD - Potential statistically significant increase.

NS - Not sampled due to insufficient water volume.

(S) - Sand and Gravel Unit

DNYA - Data Not Yet Available.

(CL) - Silty Clay/Silt Unit

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

R - Resample

H - Sample was processed beyond specified holding time.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids					
MW-15 (CL) downgradient	11/18/2015	1.5	270	H	210	H	0.53	6.55	H	1400	H	2400	
	2/25/2016	2.0	240		110		0.61	6.84		640		1700	
	5/19/2016	2.7	320		240		0.53	6.83		1200		2800	
	8/18/2016	1.5	200	Fl	170		0.54	6.96		660		1900	
	11/17/2016	1.3	120		180		0.47	6.91		560		1900	
	2/17/2017	1.9	200		190		0.43	7.24		670		1700	
	5/4/2017	1.5	180		190		0.57	7.35		670		1700	
	6/21/2017	1.6	180		200		0.56	7.30		530		1600	
	Pred. Limit	1.0	136		77		0.24**	7.73-6.83**		107		788**	
	8/29/2017	2.2	190		200		0.53	6.87		540		1800	
	11/10/2017	1.6	170		180		0.63	7.09		530		1500	
	5/17/2018	2.3	200		160		0.50	6.75		680		1800	
	8/9/2018	2.3	200		200		0.48	7.06		520		1700	
	5/2/2019	1.5	180		200		0.52	6.89		420		1500	
	11/14/2019	1.8	170		170		0.50	7.24		260		1300	
	4/29/2020	1.2	160		200		0.58	6.90		370		1300	
	12/8/2020	1.5	170		200		0.55	7.04		540		1400	
	5/12/2021	1.3	180		180		0.54	6.97		520		1500	
	8/23/2021	1.5	200		180		0.52	6.76		470		1500	
	11/29/2021	1.9	220		250		0.48	6.71		480		1700	
	2/9/2022	0.93	140		160		0.59	6.91		320		1200	
	6/8/2022	2	330		240		0.43	6.87		980		2700	
	8/31/2022	1.5	210		270		0.48	6.80		530		1800	
	11/16/2022	1.3	190		230		0.71	7.26		450		1500	
	2/23/2023	1.2	200		210		0.38	7.52		390		1500	
	5/17/2023	1.3	1400		310		0.42	6.84		850		2500	
	8/30/2023	1.2	180		280		0.43	6.94		430		1600	
	11/6/2023	1.0	190		220		0.44	7.05		440		1500	
	2/20/2024	1.3	190		200		0.38	6.94		390		1500	
	6/18/2024	1.8	290		340		0.47	6.62		630		2000	
	9/9/2024	1.6	240		290		0.43	6.84		500		1700	
	11/18/2024	1.2	180		210		0.42	6.94		350		1400	
	2/25/2025	1.3	210		260		0.43	6.92		330		1400	
	5/21/2025	1.4	190		290		0.49	6.97		220		1300	
	8/12/2025	1.5	180		300		0.77	6.94		200		1400	
	11/11/2025	1.4	170		250		0.54	7.00		180		1300	
	MW-17 (CL) downgradient	11/19/2015	1.6	210	H	230	H	0.43	7.11	H	850	H	1800
		2/22/2016	1.8	290		280		0.55	7.19		960		2100
		5/18/2016	1.4	200		230		0.64	7.02		700		1800
		8/15/2016	1.1	220		220		0.60	7.08		860		2100
11/14/2016		1.5	200		210		0.56	7.26		560		2000	
2/13/2017		1.6	190		230		0.56	6.84		770		1600	
5/4/2017		1.2	170		210		0.61	7.29		720		1500	
6/22/2017		0.95	150		230		0.72	7.38		580		1600	
Pred. Limit		1.0	136		77		0.24**	7.73-6.83**		107		788**	
8/29/2017		1.4	190		230		0.64	7.19		640		1900	
11/6/2017		1.7	190		240		0.62	7.27		840		1800	
5/14/2018		1.6	170		220		0.6	7.79		800		1700	
8/6/2018		1.3	170		230		0.6	7.12		620		1600	
4/29/2019		0.98	150		190		0.66	7.25		660		1500	
11/13/2019		1.9	230		600		0.55	7.16		730		2300	
4/27/2020		1.2	150		170		0.79	7.27		520		1300	
12/7/2020		1.3	140		160		0.8	7.22		430		1100	
5/12/2021		0.99	130		160		0.77	7.52		480		1200	
8/23/2021		0.92	140		150		0.7	7.37		500		1100	
11/29/2021		1.0	140		150		0.76	7.30		430		1200	
2/7/2022		0.9	140		160		0.82	7.27		430		1300	
6/8/2022		1.3	200		190		0.69	7.51		810		1900	
8/31/2022		1.1	150		170		0.73	7.12		430		1200	
11/16/2022		1.1	150		170		0.98	7.56		530		1400	
2/23/2023		1.6	170		210		0.67	7.87		690		1700	
5/18/2023		0.98	150		190		0.65	7.34		460		1400	
8/30/2023		1.1	130		210		0.67	7.21		560		1500	
11/6/2023		1.0	130		190		0.61	7.18		480		1400	
2/19/2024		1.2	150		180		0.65	7.41		610		1600	
6/17/2024		1.1	160		170		0.70	7.17		600		1500	
9/12/2024		1.0	150		170		0.71	7.18		560		1400	
11/21/2024		0.92	140		150		0.71	7.31		430		1300	
2/27/2025		NS	NS		NS		NS	NS		NS		NS	
5/22/2025		1.2	150		170		0.69	7.30		430		1200	
8/12/2025		NS	NS		NS		NS	NS		NS		NS	
11/14/2025		NS	NS		NS		NS	NS		NS		NS	

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

Italicized Date - Assessment Monitoring conducted after identification of detections (Appendix IV constituents only).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-01/MW-09. All others based on MW-01 as background.

^ - Recently installed upgradient well. Insufficient rounds of sampling for statistical evaluation at this time.

Pred. Limit - Prediction Limit

BOLD - Potential statistically significant increase.

(S) - Sand and Gravel Unit

(CL) - Silty Clay/Silt Unit

R - Resample

NA - Not Analyzed.

NS - Not sampled due to insufficient water volume.

DNYA - Data Not Yet Available.

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

H - Sample was processed beyond specified holding time.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-18 (S) downgradient	11/19/2015	0.80	140	H	0.66	7.62	H	1200
	2/22/2016	0.76	150		0.68	7.06	310	1200
	5/18/2016	0.72	120		0.71	7.68	230	1200
	8/15/2016	0.67	130		0.64	7.52	330	1300
	11/18/2016	0.94	130		0.58	7.69	250	1300
	2/15/2017	0.56	140		0.50	7.81	340	1200
	5/5/2017	0.46	130		0.52	8.12	360	1100
	6/21/2017	0.53	120		0.51	8.10	320	1200
	Pred. Limit	1.0	136	77	0.24**	7.73-6.83**	107	788**
	8/28/2017	0.65	120		0.53	7.81	310	1200
	11/6/2017	0.67	120		0.57	7.74	400	1200
	5/14/2018	0.57	130		0.59	8.27	440	1200
	8/6/2018	0.58	120		0.57	7.88	270	1100
	4/29/2019	0.54	120		0.61	7.77	170	1000
	11/13/2019	0.79	130		0.56	8.26	210	1100
	4/27/2020	0.60	120		0.69	7.90	180	1000
	12/7/2020	0.75	110	F1	0.70	7.70	160	910
	5/10/2021	0.66	130		0.66	8.02	350	880
	8/26/2021	0.52	140	140	0.56	7.97	340	1000
	12/1/2021	0.61	140	150	0.59	7.93	310	1200
	2/8/2022	0.55	130	150	0.60	7.81	270	1200
	6/6/2022	0.65	120	150	0.55	8.01	230	1000
	8/30/2022	0.66	130	160	0.55	7.82	240	1400
	11/16/2022	0.54	110	160	0.63	7.90	220	1100
	2/21/2023	0.68	130	160	0.52	8.27	180	1100
	5/18/2023	0.61	130	140	0.52	8.04	120	1000
	8/29/2023	0.75	140	170	0.50	7.88	110	970
	11/8/2023	0.68	120	160	0.46	7.92	110	1100
	2/19/2024	0.74	130	140	0.52	8.10	60	1000
	6/17/2024	0.70	140	160	0.52	7.75	89	1100
	9/12/2024	0.67	140	150	0.50	7.61	74	940
	11/19/2024	0.59	130	170	0.49	7.78	73	990
	2/27/2025	0.73	130	180	0.49	7.89	85	940
	5/22/2025	0.70	120	150	0.55	7.96	110	900
	8/14/2025	0.64	120	140	0.80	7.76	130	870
	11/13/2025	0.59	120	150	0.60	7.65	130	820

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

Italicized Date - Assessment Monitoring conducted after identification of detections (Appendix IV constituents only).

* - Intra-well Prediction Limit. All others are inter-well comparisons.

** - Based on pooled background from MW-01/MW-09. All others based on MW-01 as background.

^ - Recently installed upgradient well. Insufficient rounds of sampling for statistical evaluation at this time.

Pred. Limit - Prediction Limit

NA - Not Analyzed.

BOLD - Potential statistically significant increase.

NS - Not sampled due to insufficient water volume.

(S) - Sand and Gravel Unit

DNYA - Data Not Yet Available.

(CL) - Silty Clay/Silt Unit

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

R - Resample

H - Sample was processed beyond specified holding time.

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	
MW-01 (S) upgradient	11/16/2015	< 0.0030	< 0.0010	0.057	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	* < 0.00050	< 0.010	< 0.00020	< 0.0050	0.744	< 0.0025	* < 0.0020	
	2/25/2016	< 0.0030	0.0025	0.053	< 0.0010	< 0.00050	< 0.0050	0.0014	0.16	0.0019	< 0.010	< 0.00020	< 0.0050	< 0.722	0.0029	< 0.0020	
	5/20/2016	< 0.0030	0.0081	0.062	< 0.0010	< 0.00050	0.0070	0.0053	0.17	0.011	< 0.010	< 0.00020	< 0.0050	< 0.953	< 0.0025	< 0.0020	
	8/17/2016	< 0.0030	0.0014	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	0.0014	< 0.010	< 0.00020	0.0057	< 0.491	< 0.0025	< 0.0020	
	11/16/2016	< 0.0030	0.0051	0.056	< 0.0010	< 0.00050	< 0.0050	0.0044	0.21	0.0082	< 0.010	< 0.00020	0.0059	< 0.618	< 0.0025	< 0.0020	
	2/14/2017	< 0.0030	0.0041	0.056	< 0.0010	< 0.00050	< 0.0050	0.0045	0.17	0.0076	< 0.010	< 0.00020	0.0056	< 0.837	< 0.0025	< 0.0020	
	5/3/2017	< 0.0030	0.0015	0.045	< 0.0010	< 0.00050	< 0.0050	0.0033	0.16	0.0067	< 0.010	< 0.00020	< 0.0050	0.574	< 0.0025	< 0.0020	
	6/21/2017	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	< 0.010	< 0.00020	0.0061	< 0.418	< 0.0025	< 0.0020	
	8/25/2017	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	< 0.010	< 0.00020	0.0059	0.775	< 0.0025	< 0.0020	
	11/8/2017	< 0.0030	< 0.0010	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.343	< 0.0025	< 0.0020	
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002	
	5/17/2018	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	0.00068	< 0.010	< 0.00020	< 0.0050	< 0.396	< 0.0025	< 0.0020	
	8/8/2018	< 0.0030	< 0.0010	0.051	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.579	< 0.0025	< 0.0020	
	4/30/2019	< 0.0030	0.0014	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	0.0017	< 0.010	< 0.00020	< 0.0050	< 0.656	< 0.0025	< 0.0020	
	11/13/2019	NA	0.029	0.091	NA	0.00085	NA	0.016	0.18	0.034	0.012	< 0.00020	0.0079	0.884	< 0.0025	< 0.0020	
	12/26/2019 R	NA	NA	NA	NA	NA	NA	0.0021	NA	0.0041	NA	NA	NA	NA	NA	NA	
	4/28/2020	NA	< 0.0010	0.051	NA	< 0.00050	NA	< 0.0010	0.19	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.628	< 0.0025	< 0.0020	
	12/7/2020	NA	< 0.0010	0.058	NA	< 0.00050	NA	< 0.0010	0.25	0.00055	^ < 0.010	< 0.00020	0.0051	0.724	< 0.0025	< 0.0020	
	5/11/2021	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	< 0.010	< 0.00020	0.010	< 0.523	< 0.0025	< 0.0020	
	8/24/2021	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	< 0.010	< 0.00020	0.0069	1.08	< 0.0025	< 0.0020	
	11/30/2021	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.0050	< 0.00020	0.0072	1.10	0.0026	< 0.0020	
	2/9/2022	< 0.0030	0.0013	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	0.00089	0.0026	< 0.00020	0.0075	< 0.628	< 0.0025	< 0.0020	
	6/7/2022	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	< 0.010	< 0.00020	0.0057	0.386	< 0.0025	< 0.0020	
	8/30/2022	< 0.0030	< 0.0010	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.628	< 0.0025	< 0.0020	
	11/15/2022	< 0.0030	< 0.0010	0.088	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.10	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.446	< 0.0025	< 0.0020	
	2/22/2023	< 0.0030	< 0.0010	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.523	0.0027	< 0.0020	
	5/17/2023	< 0.0030	< 0.0010	0.056	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.493	< 0.0025	< 0.0020	
	8/29/2023	< 0.0020	< 0.0020	0.076	< 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.10	< 0.00050	< 0.010	< 0.00020	< 0.0020	0.712	< 0.0050	< 0.0010	
	11/7/2023	< 0.0030	< 0.0010	0.10	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	^1+ < 0.00050	< 0.010	< 0.00020	< 0.0050	0.522	< 0.0025	< 0.0020	
	2/21/2024	< 0.0030	< 0.0010	0.089	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.10	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.468	< 0.0025	< 0.0020	
	6/19/2024	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.688	< 0.0025	< 0.0020	
	9/11/2024	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.546	< 0.0025	< 0.0020	
	11/21/2024	< 0.0030	< 0.0010	0.089	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.11	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.736	< 0.0025	< 0.0020	
	2/27/2025	< 0.0030	< 0.0010	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.566	0.0033	< 0.0020	
	5/21/2025	< 0.0030	< 0.0010	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.11	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.770	< 0.0025	< 0.0020	
	8/12/2025	< 0.0030	< 0.0010	0.093	< 0.0010	< 0.00050	< 0.0050	< 0.0010	F1 0.27	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.416	0.0025	< 0.0020	
	11/11/2025	< 0.0030	< 0.0010	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.926	0.0042	< 0.0020	
	MW-09 (S) upgradient	11/18/2015	< 0.0030	< 0.0010	0.027	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	H 0.19	< 0.00050	< 0.010	H < 0.00020	0.043	< 0.655	< 0.0025	< 0.0020
		2/25/2016	< 0.0030	0.0042	0.036	< 0.0010	< 0.00050	< 0.0050	0.0011	0.19	< 0.00050	< 0.010	< 0.00020	0.053	< 0.361	< 0.0025	< 0.0020
		5/19/2016	< 0.0030	< 0.0010	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	< 0.010	< 0.00020	0.042	< 0.394	0.0032	< 0.0020
8/17/2016		< 0.0030	< 0.0010	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	< 0.010	< 0.00020	0.036	< 0.498	< 0.0025	< 0.0020	
11/17/2016		< 0.0030	0.0038	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	0.036	0.646	0.0025	< 0.0020	
2/15/2017		< 0.0030	0.0032	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	0.035	< 0.377	0.0062	< 0.0020	
5/3/2017		< 0.0030	0.0012	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	< 0.010	< 0.00020	0.034	< 0.445	0.011	< 0.0020	
6/21/2017		< 0.0030	< 0.0010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	< 0.010	< 0.00020	0.033	< 0.380	0.0072	< 0.0020	
8/25/2017		< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	< 0.010	< 0.00020	0.028	< 0.160	0.0043	<	

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	
MW-19 (S) upgradient	11/18/2016	< 0.0030	< 0.0010	0.084	< 0.0010	< 0.00050	< 0.0050	0.0010	0.13	0.00068	< 0.010	< 0.00020	0.035	< 0.476	0.0043	< 0.0020	
	2/15/2017	< 0.0030	< 0.0010	0.088	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	0.00061	< 0.010	< 0.00020	0.046	< 0.482	0.0063	< 0.0020	
	5/5/2017	< 0.0030	< 0.0010	0.076	< 0.0010	< 0.00050	< 0.0050	0.0013	0.14	0.0012	< 0.010	< 0.00020	0.035	0.923	0.0068	< 0.0020	
	6/21/2017	< 0.0030	< 0.0010	0.089	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	< 0.010	< 0.00020	0.024	< 0.334	0.0028	< 0.0020	
	8/28/2017	< 0.0030	< 0.0010	0.073	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	< 0.010	< 0.00020	0.041	0.370	0.0035	< 0.0020	
	11/6/2017	< 0.0030	< 0.0010	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	< 0.010	< 0.00020	0.042	0.360	< 0.0025	< 0.0020	
	5/14/2018	< 0.0030	< 0.0010	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	< 0.010	< 0.00020	0.043	0.562	0.0044	< 0.0020	
	8/7/2018	< 0.0030	< 0.0010	0.078	<^ 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	0.032	0.835	0.0052	< 0.0020	
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002	
	5/2/2019	< 0.0030	< 0.0010	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	0.031	< 0.431	0.0035	< 0.0020	
	11/13/2019	NA	0.0014	0.10	NA	< 0.00050	NA	< 0.0010	0.15	0.00056	< 0.010	< 0.00020	0.036	< 0.447	< 0.0025	< 0.0020	
	4/27/2020	NA	< 0.0010	0.077	NA	< 0.00050	NA	< 0.0010	0.17	< 0.00050	< 0.010	< 0.00020	0.042	0.630	< 0.0025	< 0.0020	
	12/7/2020	NA	< 0.0010	0.062	NA	< 0.00050	NA	< 0.0010	0.19	< 0.00050	<^ 0.010	< 0.00020	0.053	< 0.509	< 0.0025	< 0.0020	
	5/10/2021	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.00050	< 0.0010	0.17	< 0.00050	< 0.010	< 0.00020	0.047	< 0.524	< 0.0025	< 0.0020	
	8/26/2021	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.00050	< 0.0010	0.11	< 0.00050	< 0.010	< 0.00020	0.028	< 0.543	< 0.0025	< 0.0020	
	12/1/2021	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.0038	< 0.00020	0.050	1.18	< 0.0025	< 0.0020	
	2/7/2022	< 0.0030	< 0.0010	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.0030	< 0.00020	0.043	0.881	< 0.0025	< 0.0020	
	6/6/2022	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	< 0.010	< 0.00020	0.030	< 0.419	< 0.0025	< 0.0020	
	8/30/2022	< 0.0030	0.0027	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	0.023	< 0.00020	0.008	0.440	< 0.0025	< 0.0020	
	11/16/2022	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	< 0.010	< 0.00020	0.041	0.746	0.0029	< 0.0020	
	2/21/2023	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	< 0.010	< 0.00020	0.032	< 0.528	0.0033	< 0.0020	
	5/18/2023	< 0.0030	< 0.0010	0.069	<^+ ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	0.010	< 0.00020	0.030	0.604	0.0035	< 0.0020	
	8/29/2023	< 0.0020	< 0.0020	0.060	< 0.0010	< 0.00020	< 0.0050	< 0.0005	0.18	< 0.00050	< 0.010	< 0.00020	0.026	0.756	< 0.0050	< 0.0010	
	11/8/2023	< 0.0030	< 0.0010	0.072	<^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	<^1+ < 0.00050	< 0.010	< 0.00020	0.033	< 0.232	0.0061	< 0.0020	
	2/19/2024	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	< 0.010	< 0.00020	0.026	< 0.494	0.0033	< 0.0020	
	6/17/2024	< 0.0030	< 0.0010	0.088	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	<^1+ < 0.010	< 0.00020	0.022	1.18	< 0.0025	< 0.0020	
	9/13/2024	< 0.0030	< 0.0010	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	< 0.010	< 0.00020	0.027	< 0.618	0.0035	< 0.0020	
	11/20/2024	0.0031	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	< 0.010	< 0.00020	0.028	1.08	0.0040	< 0.0020	
	1/7/2025 R	< 0.0030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/28/2025	< 0.0030	< 0.0010	0.074	<^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	0.18	< 0.00050	< 0.010	< 0.00020	0.033	1.38	0.011	< 0.0020	
	5/22/2025	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	< 0.010	< 0.00020	0.037	0.625	0.013	< 0.0020	
	8/14/2025	< 0.0030	< 0.0010	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	F1 0.24	< 0.00050	< 0.010	< 0.00020	0.036	2.41	0.0093	< 0.0020	
	11/13/2025	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	< 0.010	< 0.00020	0.034	< 0.51	0.0077	< 0.0020	
MW-08 (CL) downgradient	11/18/2015	< 0.0030	0.0029	0.15	<^ 0.0010	< 0.00050	< 0.0050	< 0.0010	H 0.44	< 0.00050	0.028	H < 0.00020	0.010	< 0.559	< 0.0025	< 0.0020	
	2/25/2016	< 0.0030	0.0018	0.11	< 0.0010	0.00052	< 0.0050	< 0.0010	0.30	0.00072	0.015	< 0.00020	0.020	0.535	< 0.0025	< 0.0020	
	5/18/2016	< 0.0030	0.0029	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.036	< 0.00020	0.0069	0.417	< 0.0025	< 0.0020	
	8/17/2016	< 0.0030	0.0032	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.023	< 0.00020	0.013	< 0.519	< 0.0025	< 0.0020	
	11/15/2016	< 0.0030	0.0012	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.017	< 0.00020	0.016	0.583	< 0.0025	< 0.0020	
	2/16/2017	< 0.0030	0.0030	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	0.00087	< 0.010	< 0.00020	0.026	< 0.375	< 0.0025	< 0.0020	
	5/2/2017	< 0.0030	0.0029	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.022	< 0.00020	0.0083	< 0.480	< 0.0025	< 0.0020	
	6/21/2017	< 0.0030	0.0045	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.017	< 0.00020	0.031	< 0.439	< 0.0025	< 0.0020	
	8/29/2017	< 0.0030	0.0011	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	< 0.010	< 0.00020	0.034	0.699	< 0.0025	< 0.0020	
	11/8/2017	< 0.0030	0.0027	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	< 0.00050	0.019	< 0.00020	0.014	0.806	< 0.0025	< 0.0020	
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002	
	5/17/2018	< 0.0030	0.0030	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	< 0.010	< 0.00020	0.024	0.655	< 0.0025	< 0.0020	
	8/8/2018	< 0.0030	0.0055	0.071	<^ 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	< 0.010	< 0.00020	0.019	< 0.410	< 0.0025	< 0.0020	
	5/1/2019	< 0.0030	0.0018	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.021	< 0.00020	0.0069	0.892	< 0.0025	< 0.0020	
	11/13/2019	NA	0.0025	0.087	NA	< 0.00050	NA	< 0.0010	0.33	0.00094	0.022						

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	
MW-11 (S) downgradient	11/18/2015	< 0.0030	0.017	0.18	^ < 0.0010	< 0.00050	< 0.0050	0.0020	H 0.55	< 0.00050	< 0.010	H < 0.00020	0.012	0.788	< 0.0025	< 0.0020	
	2/26/2016	< 0.0030	0.023	0.23	< 0.0010	< 0.00050	< 0.0050	0.0023	0.55	< 0.00050	< 0.010	< 0.00020	0.013	0.562	< 0.0025	< 0.0020	
	5/20/2016	< 0.0030	0.027	0.26	< 0.0010	< 0.00050	< 0.0050	0.0024	0.56	0.00076	< 0.010	< 0.00020	0.014	0.524	< 0.0025	< 0.0020	
	8/17/2016	< 0.0030	F1 0.29	1.4	< 0.0010	< 0.00050	< 0.0050	0.0034	0.67	0.0010	< 0.010	< 0.00020	0.011	1.130	< 0.0025	< 0.0020	
	11/17/2016	< 0.0030	0.071	0.44	< 0.0010	< 0.00050	< 0.0050	0.0037	0.44	0.0013	< 0.010	< 0.00020	0.0088	0.734	< 0.0025	< 0.0020	
	2/16/2017	< 0.0030	0.040	0.30	< 0.0010	< 0.00050	< 0.0050	0.0030	0.40	0.00094	< 0.010	< 0.00020	0.013	0.341	< 0.0025	< 0.0020	
	5/3/2017	< 0.0030	0.039	0.26	< 0.0010	< 0.00050	< 0.0050	0.0035	0.42	0.00093	< 0.010	< 0.00020	0.015	0.662	< 0.0025	< 0.0020	
	6/22/2017	< 0.0030	0.070	0.36	< 0.0010	< 0.00050	< 0.0050	0.0025	0.60	< 0.00050	< 0.010	< 0.00020	0.014	< 0.418	< 0.0025	< 0.0020	
	8/29/2017	< 0.0030	0.017	0.21	< 0.0010	< 0.00050	< 0.0050	0.0026	0.52	< 0.00050	< 0.010	< 0.00020	0.016	< 0.313	< 0.0025	< 0.0020	
	11/9/2017	< 0.0030	0.092	0.54	< 0.0010	< 0.00050	< 0.0050	0.0034	0.59	< 0.00050	< 0.010	< 0.00020	0.014	1.24	< 0.0025	< 0.0020	
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002	
	5/16/2018	< 0.0030	0.089	0.47	< 0.0010	< 0.00050	< 0.0050	0.0041	0.61	< 0.00050	< 0.010	< 0.00020	0.014	1.12	< 0.0025	< 0.0020	
	8/9/2018	< 0.0030	0.68	3.0	^ < 0.0010	0.00082	< 0.0050	0.0053	0.65	0.0012	< 0.010	< 0.00020	0.013	1.48	< 0.0025	< 0.0020	
	5/1/2019	< 0.0030	0.11	0.60	< 0.0010	< 0.00050	< 0.0050	0.0026	0.62	0.0011	< 0.010	< 0.00020	0.014	1.59	< 0.0025	< 0.0020	
	11/14/2019	NA	0.14	0.72	NA	< 0.00050	NA	0.0041	0.55	0.0021	< 0.010	< 0.00020	0.020	2.64	< 0.0025	< 0.0020	
	4/29/2020	NA	0.019	0.21	NA	< 0.00050	NA	0.0019	0.62	< 0.00050	< 0.010	< 0.00020	0.024	0.47	< 0.0025	< 0.0020	
	12/8/2020	NA	0.027	0.26	NA	< 0.00050	NA	0.0021	0.67	< 0.00050	< 0.010	< 0.00020	0.030	< 0.523	< 0.0025	< 0.0020	
	5/13/2021	< 0.0030	0.024	0.25	< 0.0010	< 0.00050	< 0.0050	0.0019	0.72	< 0.00050	0.012	< 0.00020	0.032	1.59	< 0.0025	< 0.0020	
	8/25/2021	< 0.0030	0.015	0.16	< 0.0010	< 0.00050	< 0.0050	0.0016	0.65	< 0.00050	< 0.010	< 0.00020	0.030	< 0.472	< 0.0025	< 0.0020	
	12/1/2021	< 0.0030	0.0093	0.17	< 0.0010	< 0.00050	< 0.0050	0.0019	0.67	< 0.00050	0.0067	< 0.00020	0.032	1.30	< 0.0025	< 0.0020	
	2/10/2022	< 0.0030	0.015	0.20	< 0.0010	< 0.00050	< 0.0050	0.0024	0.68	0.00059	0.0070	< 0.00020	0.027	0.839	< 0.0025	< 0.0020	
	6/8/2022	< 0.0030	0.028	0.20	< 0.0010	0.00058	< 0.0050	0.0018	0.64	< 0.00050	< 0.010	< 0.00020	0.021	0.786	< 0.0025	< 0.0020	
	8/31/2022	< 0.0030	0.016	0.20	< 0.0010	< 0.00050	< 0.0050	0.0017	0.61	< 0.00050	< 0.010	< 0.00020	0.020	1.04	< 0.0025	< 0.0020	
	11/15/2022	< 0.0030	0.015	0.16	< 0.0010	< 0.00050	< 0.0050	0.0017	0.84	< 0.00050	< 0.010	< 0.00020	0.016	0.785	< 0.0025	< 0.0020	
	2/23/2023	< 0.0030	0.012	0.17	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	0.0017	0.58	< 0.00050	< 0.010	< 0.00020	0.016	0.934	< 0.0025	< 0.0020	
	5/16/2023	< 0.0030	0.011	0.18	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	0.0018	0.52	< 0.00050	< 0.010	< 0.00020	0.016	< 0.625	< 0.0025	< 0.0020	
	8/30/2023	< 0.0020	0.017	0.17	< 0.0010	< 0.00020	< 0.0050	0.0016	0.54	< 0.00050	< 0.010	< 0.00020	0.013	0.824	< 0.0050	< 0.0010	
	11/8/2023	< 0.0030	0.015	0.26	^1+ < 0.0010	< 0.00050	< 0.0050	0.0018	0.50	^1+ < 0.00050	< 0.010	< 0.00020	0.013	0.834	< 0.0025	< 0.0020	
	2/21/2024	< 0.0030	0.020	0.30	< 0.0010	< 0.00050	< 0.0050	0.0021	0.52	< 0.00050	< 0.010	< 0.00020	0.011	1.17	< 0.0025	< 0.0020	
	6/20/2024	< 0.0030	0.0089	0.19	< 0.0010	< 0.00050	< 0.0050	0.0018	0.51	< 0.00050	^1+ < 0.010	< 0.00020	0.014	1.13	< 0.0025	< 0.0020	
	9/9/2024	^1+ < 0.0030	0.019	0.20	< 0.0010	< 0.00050	< 0.0050	0.0016	0.50	< 0.00050	< 0.010	< 0.00020	0.013	0.922	< 0.0025	< 0.0020	
	11/20/2024	< 0.0030	0.014	0.20	< 0.0010	< 0.00050	< 0.0050	0.0017	0.53	< 0.00050	< 0.010	< 0.00020	0.012	0.627	< 0.0025	< 0.0020	
	2/24/2025	< 0.0030	0.027	0.29	< 0.0010	< 0.00050	< 0.0050	0.0030	0.47	0.0018	< 0.010	< 0.00020	0.012	< 0.357	< 0.0025	< 0.0020	
	5/20/2025	< 0.0030	0.014	0.19	< 0.0010	< 0.00050	< 0.0050	0.0017	0.48	< 0.00050	< 0.010	< 0.00020	0.014	1.02	< 0.0025	< 0.0020	
	8/13/2025	< 0.0030	0.016	0.20	< 0.0010	< 0.00050	< 0.0050	0.0017	0.72	< 0.00050	< 0.010	< 0.00020	0.014	< 0.578	< 0.0025	< 0.0020	
	11/12/2025	< 0.0030	0.0080	0.22	< 0.0010	< 0.00050	< 0.0050	0.0019	0.53	< 0.00050	< 0.010	< 0.00020	0.012	< 0.324	< 0.0025	< 0.0020	
	MW-12 / 12R (CL) downgradient	11/19/2015	< 0.0030	0.10	0.180	^ < 0.0010	0.00068	< 0.0050	< 0.0010	H 0.57	0.00063	0.023	H < 0.00020	0.028	< 0.685	< 0.0025	< 0.0020
		2/26/2016	< 0.0030	0.077	0.130	< 0.0010	0.0016	< 0.0050	< 0.0010	0.40	0.0014	0.014	< 0.00020	0.015	1.11	< 0.0025	< 0.0020
		5/20/2016	< 0.0030	0.065	0.16	F1 < 0.0010	0.00077	< 0.0050	< 0.0010	0.49	0.0016	0.013	< 0.00020	0.028	0.576	< 0.0025	< 0.0020
		8/18/2016	< 0.0030	0.33	0.88	0.0013	0.0070	< 0.0050	0.0010	0.49	0.0011	0.015	< 0.00020	0.011	3.68	< 0.0025	< 0.0020
11/18/2016		< 0.0030	0.23	0.67	< 0.0010	0.0028	< 0.0050	< 0.0010	0.46	< 0.0005	0.017	< 0.00020	< 0.010	1.86	< 0.0025	< 0.0020	
2/16/2017		< 0.0030	0.29	0.26	< 0.0010	0.0057	< 0.0050	0.0013	0.37	0.0042	0.010	< 0.00020	0.015	1.15	< 0.0025	< 0.0020	
5/3/2017		< 0.0030	0.10	0.17	< 0.0010	0.0022	< 0.0050	< 0.0010	0.37	0.0038	0.011	< 0.00020	0.017	0.518	< 0.0025	< 0.0020	
6/22/2017		< 0.0030	0.025	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	0.00096	< 0.010	< 0.00020	0.028	0.376	< 0.0025	< 0.0020	
8/29/2017		< 0.0030	0.02	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.014	< 0.00020	0.024	0.529	< 0.0025	< 0.0020	
11/10/2017		< 0.0030	0.50	0.45	< 0.0010	0.0015	< 0.0050	< 0.0010	0.48	0.00097	0.018	< 0.00020	0.023	1.67	< 0.0025	< 0.0020	
GWPS		NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002	
5/16/2018		< 0.0030	0.086	</													

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-15 (CL) downgradient	11/18/2015	< 0.0030	0.030	0.096	^ < 0.0010	0.00061	< 0.0050	< 0.0010	H 0.53	< 0.00050	0.042	H < 0.00020	0.023	< 0.599	0.0065	< 0.0020
	2/25/2016	< 0.0030	0.025	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.61	< 0.00050	0.041	< 0.00020	0.035	0.870	0.045	< 0.0020
	5/19/2016	< 0.0030	0.040	0.097	< 0.0010	0.00098	< 0.0050	< 0.0010	0.53	< 0.00050	0.044	< 0.00020	0.041	< 0.420	0.0067	< 0.0020
	8/18/2016	< 0.0030	0.13	0.11	< 0.0010	0.0041	< 0.0050	< 0.0010	0.54	< 0.00050	0.028	< 0.00020	0.027	< 0.672	0.0061	< 0.0020
	11/17/2016	< 0.0030	0.0033	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	0.016	< 0.00020	0.018	< 0.570	0.0078	< 0.0020
	2/17/2017	< 0.0030	0.020	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.025	< 0.00020	0.027	< 0.392	0.0032	< 0.0020
	5/4/2017	< 0.0030	0.011	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.023	< 0.00020	0.023	< 0.456	0.0034	< 0.0020
	6/21/2017	< 0.0030	0.0093	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.56	< 0.00050	0.027	< 0.00020	0.030	< 0.347	0.019	< 0.0020
	8/29/2017	< 0.0030	0.0018	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	0.023	< 0.00020	0.032	0.377	0.0092	< 0.0020
	11/10/2017	< 0.0030	0.0063	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.63	< 0.00050	0.025	< 0.00020	0.020	< 0.313	0.016	< 0.0020
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002
	5/17/2018	< 0.0030	0.0081	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.50	< 0.00050	0.029	< 0.00020	0.030	0.397	0.077	< 0.0020
	8/9/2018	< 0.0030	0.0083	0.048	<^ 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.026	< 0.00020	0.033	0.566	0.060	< 0.0020
	5/2/2019	< 0.0030	0.0045	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.027	< 0.00020	0.023	< 0.424	< 0.0025	< 0.0020
	11/14/2019	NA	0.0044	0.053	NA	< 0.00050	NA	< 0.0010	0.50	< 0.00050	0.029	< 0.00020	0.025	< 0.475	< 0.0025	< 0.0020
	4/29/2020	NA	0.0036	0.060	NA	< 0.00050	NA	< 0.0010	0.58	< 0.00050	0.027	< 0.00020	0.023	0.578	< 0.0025	< 0.0020
	12/8/2020	NA	0.020	0.10	NA	0.00059	NA	0.0012	0.55	< 0.00050	0.035	< 0.00020	0.020	0.626	0.012	< 0.0020
	5/12/2021	< 0.0030	0.0048	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	0.026	< 0.00020	0.014	< 0.648	0.0071	< 0.0020
	8/23/2021	< 0.0030	0.0019	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.025	< 0.00020	0.024	0.465	0.015	< 0.0020
	11/29/2021	< 0.0030	0.0022	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.024	< 0.00020	0.016	0.649	0.059	< 0.0020
	2/9/2022	< 0.0030	0.0080	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	0.024	< 0.00020	0.014	< 0.424	0.0034	< 0.0020
	6/8/2022	< 0.0030	0.0032	0.088	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.027	< 0.00020	0.019	0.485	0.10	< 0.0020
	8/31/2022 R	< 0.0030	0.0049	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.032	< 0.00020	0.021	< 0.550	0.0078	< 0.0020
	11/16/2022	< 0.0030	0.0071	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	< 0.00050	0.025	< 0.00020	0.055	0.490	< 0.0025	< 0.0020
	2/23/2023	< 0.0030	0.0049	0.056	^1+ ^1+ < 0.0010	0.00091	< 0.0050	0.0089	0.38	< 0.00050	0.025	< 0.00020	0.093	0.657	0.029	0.0029
	5/17/2023	< 0.0030	0.0027	0.075	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	0.42	< 0.00050	0.024	< 0.00020	0.039	< 0.538	0.18	< 0.0020
	6/26/2023 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.041	NA
	8/30/2023	< 0.0020	0.0079	0.050	< 0.0010	0.00039	< 0.0050	0.0018	0.43	< 0.00050	0.022	< 0.00020	0.097	1.15	0.021	< 0.0010
	11/6/2023	< 0.0030	0.0033	0.060	^1+ < 0.0010	< 0.00050	< 0.0050	0.0019	0.44	^1+ < 0.00050	0.024	< 0.00020	0.047	0.729	0.0033	< 0.0020
	2/20/2024	< 0.0030	0.0047	0.050	< 0.0010	0.00051	< 0.0050	0.0037	0.38	< 0.00050	0.024	< 0.00020	0.045	< 0.543	0.016	< 0.0020
	6/18/2024	< 0.0030	0.0025	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	< 0.050	< 0.00020	0.031	< 0.687	0.022	< 0.0020
	9/9/2024	^1+ < 0.0030	0.0018	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.020	< 0.00020	0.061	0.629	0.0066	< 0.0020
	11/18/2024	< 0.0030	0.0065	0.049	< 0.0010	< 0.00050	< 0.0050	0.0017	0.42	< 0.00050	0.022	< 0.00020	0.12	< 0.196	0.0074	< 0.0020
	1/7/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/25/2025	< 0.0030	0.0076	0.062	< 0.0010	< 0.00050	< 0.0050	0.0012	0.43	< 0.00050	0.023	< 0.00020	0.093	0.967	0.021	< 0.0020
	5/21/2025	< 0.0030	0.026	0.080	< 0.0010	0.00066	0.0060	0.0015	0.49	< 0.00050	0.021	< 0.00020	0.057	< 0.655	0.015	< 0.0020
	6/27/2025R	NA	0.0043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/12/2025	< 0.0030	0.0061	0.069	< 0.0010	< 0.00050	< 0.0050	0.0011	0.77	< 0.00050	0.020	< 0.00020	0.045	< 0.0490	0.010	< 0.0020
	11/11/2025	< 0.0030	0.013	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	0.023	< 0.00020	0.037	< 0.7530	< 0.0025	< 0.0020
	12/18/25R	NA	0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17 (CL) downgradient	11/19/2015	< 0.0030	0.0028	0.14	^ < 0.0010	< 0.00050	< 0.0050	0.0012	H 0.43	0.0012	0.019	H < 0.00020	0.035	< 0.790	< 0.0025	< 0.0020
	2/22/2016	< 0.0030	0.021	0.051	< 0.0010	< 0.00050	< 0.0050	0.0012	0.55	< 0.00050	0.038	< 0.00020	0.093	1.07	< 0.0025	< 0.0020
	5/18/2016	< 0.0030	0.32	0.12	< 0.0010	0.0011	< 0.0050	0.0015	0.64	< 0.00050	0.026	< 0.00020	0.12	8.27	< 0.0025	0.0028
	8/15/2016	< 0.0030	0.34	0.12	< 0.0010	0.0010	< 0.0050	0.0016	0.60	< 0.00050	0.022	< 0.00020	0.10	0.606	< 0.0025	0.0031
	11/14/2016	< 0.0030	0.19	0.073	< 0.0010	0.00051	< 0.0050	0.0012	0.56	< 0.00050	0.022	< 0.00020	0.042	3.76	< 0.0025	0.0021
	2/13/2017	< 0.0030	0.35	0.16	< 0.0010	0.00093	< 0.0050	0.0014	0.56	0.00079	0.019	< 0.00020	0.088	2.08	< 0.0025	0.0025
	5/4/2017	< 0.0030	0.24	0.39	0.0013	0.0023	< 0.0050	0.0023	0.61	0.00066	0.016	< 0.00020	0.036	1.91	< 0.0025	0.0065
	6/22/2017	< 0.0030	0.41	0.13	< 0.0010	0.00070	< 0.0050	0.0012	0.72	0.0011	0.022	< 0.00020	0.11	1.21	< 0.0025	0.0022
	8/29/2017	< 0.0030	0.24	0.092	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.64	0.00058	0.021	< 0.00020	0.13	3.32	< 0.0025	0.0025
	11/6/2017	< 0.0030	0.17	0.38	< 0.0010	0.0022	< 0.0050	0.0015	0.62							

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Ash By-Pass Basin Ash Surge Basin.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-18 (S) downgradient	11/19/2015	< 0.0030	0.0014	0.14	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	H 0.66	< 0.00050	0.017	H < 0.00020	0.0051	< 0.845	< 0.0025	< 0.0020
	2/22/2016	< 0.0030	0.0012	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.68	< 0.00050	0.022	< 0.00020	0.0055	1.88	< 0.0025	< 0.0020
	5/18/2016	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	< 0.00050	0.014	< 0.00020	0.0052	< 0.493	< 0.0025	< 0.0020
	8/15/2016	< 0.0030	< 0.0010	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.64	< 0.00050	0.012	< 0.00020	0.0059	0.836	< 0.0025	< 0.0020
	11/18/2016	< 0.0030	< 0.0010	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	0.013	< 0.00020	0.0053	0.488	< 0.0025	< 0.0020
	2/15/2017	< 0.0030	< 0.0010	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.50	< 0.00050	0.014	< 0.00020	0.0058	< 0.347	< 0.0025	< 0.0020
	5/5/2017	< 0.0030	0.0032	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	0.00057	0.010	< 0.00020	< 0.0050	0.612	< 0.0025	< 0.0020
	6/21/2017	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	< 0.00050	0.014	< 0.00020	0.0051	0.629	< 0.0025	< 0.0020
	8/28/2017	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	0.012	< 0.00020	0.0050	0.498	< 0.0025	< 0.0020
	11/6/2017	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.011	< 0.00020	0.0057	0.755	< 0.0025	< 0.0020
	GWPS	NSP	0.011	2.0	0.004	0.005	NSP	0.009	4.0	0.018	0.04	0.002	0.10	5.0	0.05	0.002
	5/14/2018	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	0.013	< 0.00020	0.0052	0.641	< 0.0025	< 0.0020
	8/6/2018	< 0.0030	< 0.0010	0.12	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.013	< 0.00020	0.0052	1.02	< 0.0025	< 0.0020
	4/29/2019	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.61	< 0.00050	0.013	< 0.00020	< 0.0050	< 0.445	< 0.0025	< 0.0020
	11/13/2019	NA	0.0013	0.12	NA	< 0.00050	NA	< 0.0010	0.56	< 0.00050	0.014	< 0.00020	< 0.0050	< 0.490	< 0.0025	< 0.0020
	4/27/2020	NA	< 0.0010	0.12	NA	< 0.00050	NA	< 0.0010	0.69	< 0.00050	0.016	< 0.00020	< 0.0050	< 0.526	< 0.0025	< 0.0020
	12/7/2020	NA	0.0032	0.11	NA	< 0.00050	NA	< 0.0010	0.70	< 0.00050	0.014	< 0.00020	0.061	< 0.497	< 0.0025	< 0.0020
	5/10/2021	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	0.013	< 0.00020	0.0050	< 0.544	< 0.0025	< 0.0020
	8/26/2021	< 0.0030	0.0023	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.56	< 0.00050	0.014	< 0.00020	0.030	0.633	< 0.0025	< 0.0020
	12/1/2021	< 0.0030	0.0036	0.15	< 0.0010	< 0.0050	< 0.00050	< 0.0010	0.59	0.00062	0.015	< 0.00020	0.018	< 0.514	< 0.0025	< 0.0020
	2/8/2022	< 0.0030	0.010	0.26	< 0.0010	< 0.00050	0.010	0.0034	0.60	0.0050	0.014	< 0.00020	0.013	1.60	< 0.0025	< 0.0020
	6/6/2022	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.012	< 0.00020	0.0067	0.832	< 0.0025	< 0.0020
	8/30/2022	< 0.0030	0.0085	0.23	< 0.0010	< 0.00050	0.0071	0.0027	0.55	0.0039	0.016	< 0.00020	0.0056	0.645	< 0.0025	< 0.0020
	11/16/2022	< 0.0030	0.0069	0.28	< 0.0010	< 0.00050	0.017	0.0056	0.63	0.0092	0.019	< 0.00020	0.0070	4.93	< 0.0025	< 0.0020
	2/21/2023	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.012	< 0.00020	< 0.0050	1.55	< 0.0025	< 0.0020
	5/18/2023	< 0.0030	< 0.0010	0.12	^+ ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	< 0.010	< 0.00020	0.0060	< 0.433	< 0.0025	< 0.0020
	8/29/2023	< 0.0020	< 0.0020	0.13	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.50	< 0.00050	< 0.010	< 0.00020	0.0039	< 0.796	< 0.0050	< 0.0010
	11/8/2023	< 0.0030	0.0015	0.16	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.46	^1+ < 0.00050	0.011	< 0.00020	< 0.0050	< 0.861	< 0.0025	< 0.0020
	2/19/2024	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.013	< 0.00020	< 0.0050	0.881	< 0.0025	< 0.0020
	6/17/2024	< 0.0030	0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.611	< 0.0025	< 0.0020
	9/12/2024	< 0.0030	0.0024	0.18	< 0.0010	< 0.00050	< 0.0050	0.0015	0.50	0.0022	< 0.010	< 0.00020	< 0.0050	< 1.10	< 0.0025	< 0.0020
	11/19/2024	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	0.0017	0.010	< 0.00020	< 0.0050	< 0.428	< 0.0025	< 0.0020
	2/27/2025	< 0.0030	< 0.0010	0.13	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	0.013	< 0.00020	< 0.0050	0.691	< 0.0025	< 0.0020
	5/22/2025	< 0.0030	< 0.0010	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.011	< 0.00020	< 0.0050	< 0.411	< 0.0025	< 0.0020
	8/14/2025	< 0.0030	0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.270	< 0.0025	< 0.0020
	11/13/2025	< 0.0030	0.0025	0.14	< 0.0010	< 0.00050	< 0.0050	0.0018	0.60	0.0025	0.012	< 0.00020	0.0053	1.55	< 0.0025	< 0.0020

Notes: All units are in mg/L (milligrams/liter) with the exception of Radium (pCi/L).

Italics - Assessment Monitoring conducted after identification of Appendix IV constituent detections.

GWPS - Groundwater Protection Standard

BOLD - Exceeds established GWPS.

R - Resample Event

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

H - Sample prepped/analyzed beyond the specified holding time.

* - LCS or LCSD is outside acceptance limits.

^ - Denotes instrument related QC exceeds the control limits

DNYA - Data Not Yet Available

NSP - No Standard Calculated/Provided

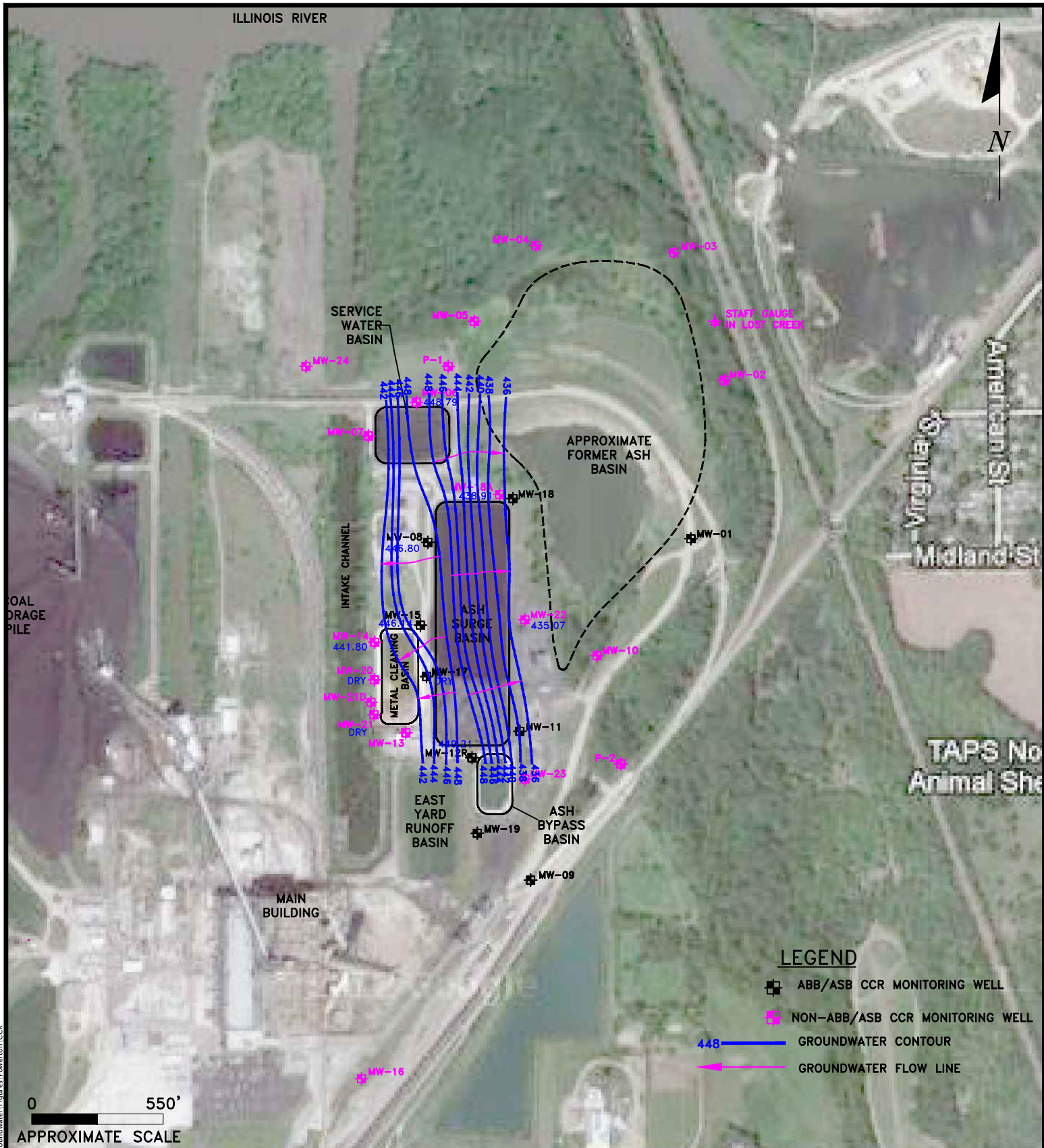
NA - Not Analyzed

NS - Not Sampled Due to Insufficient Water Volume

^+ - Continued calibration verification outside limits, high biased.

^1+ - Initial calibration verification outside limits, high biased.

ATTACHMENT 1
Groundwater Flow Contour Maps



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SILT/CLAY UNIT 1Q2025

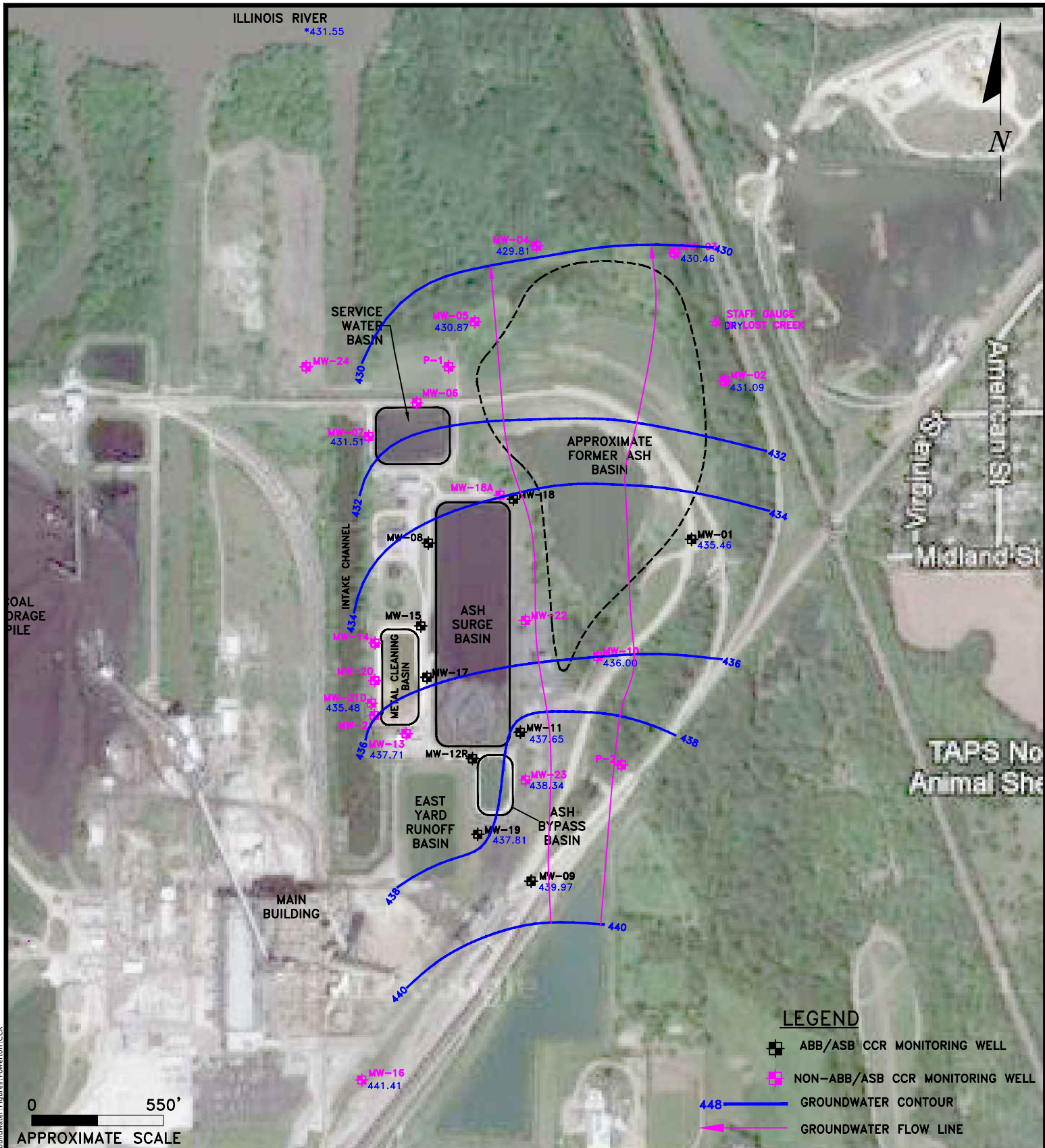
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

ATTACHMENT 1



ENVIRONMENTAL CONSULTATION & REMEDIATION

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14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SAND/GRAVEL UNIT 1Q2025

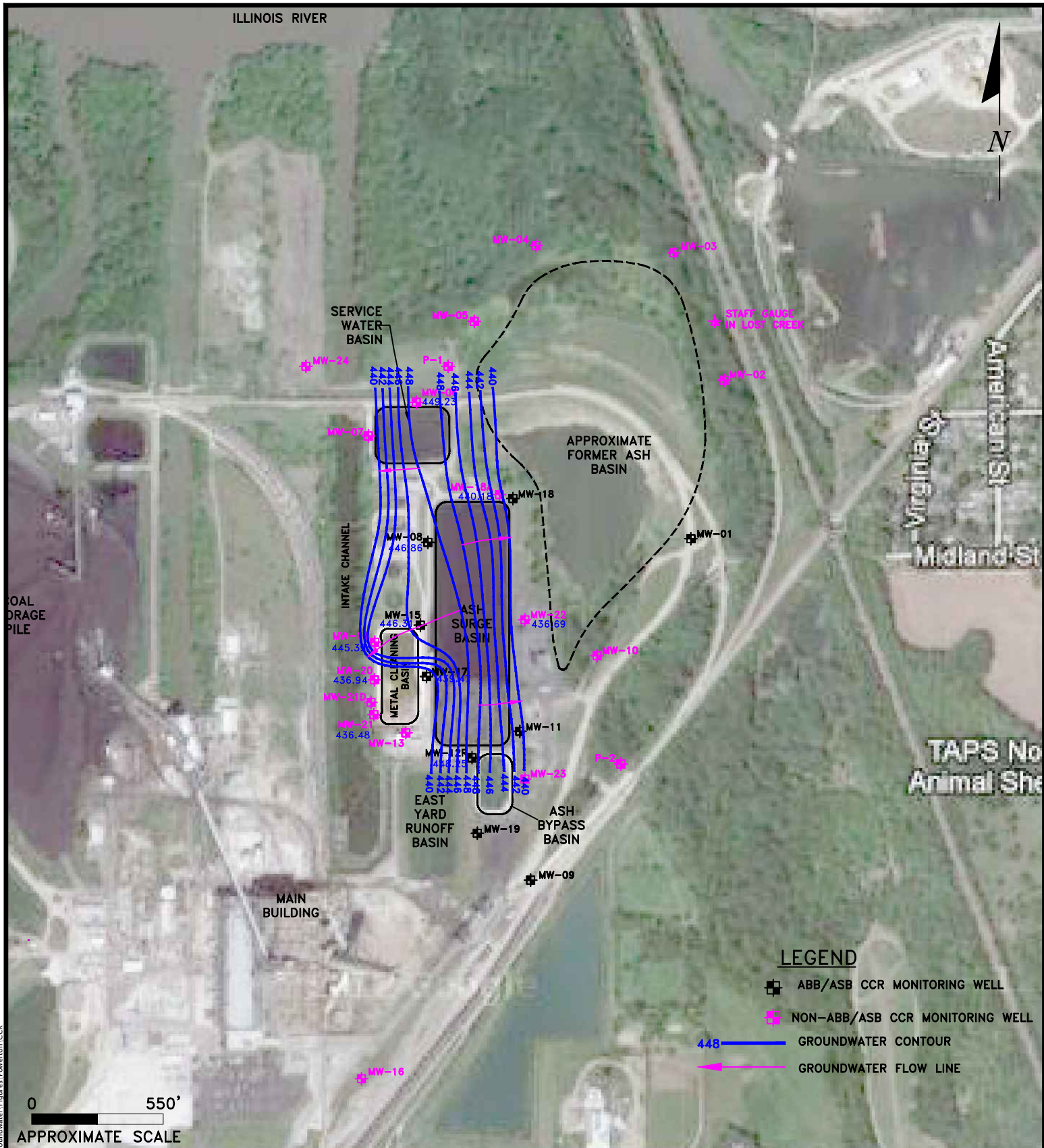
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

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CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SILT/CLAY UNIT 2Q2025

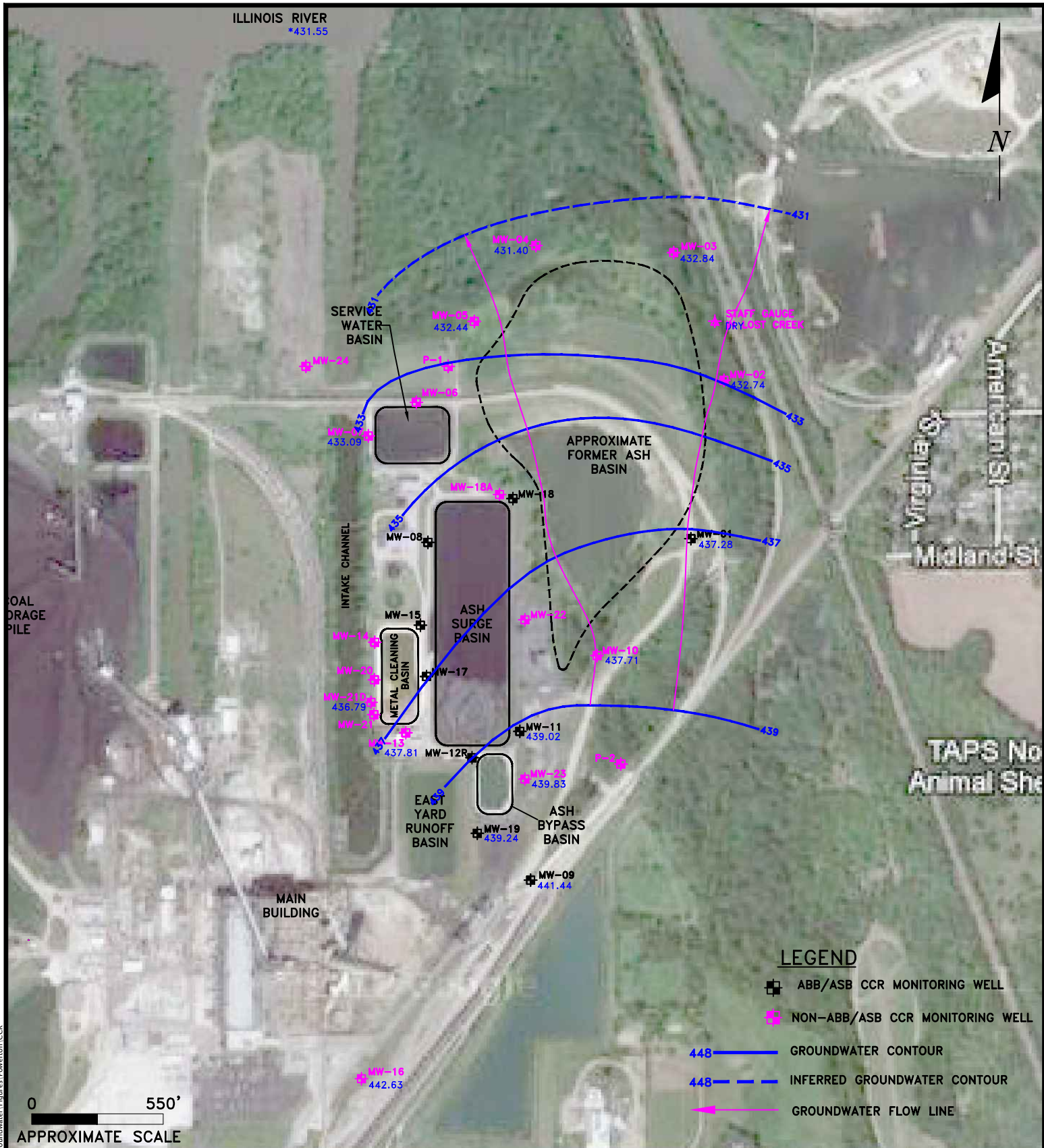
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

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CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SAND/GRAVEL UNIT 2Q2025

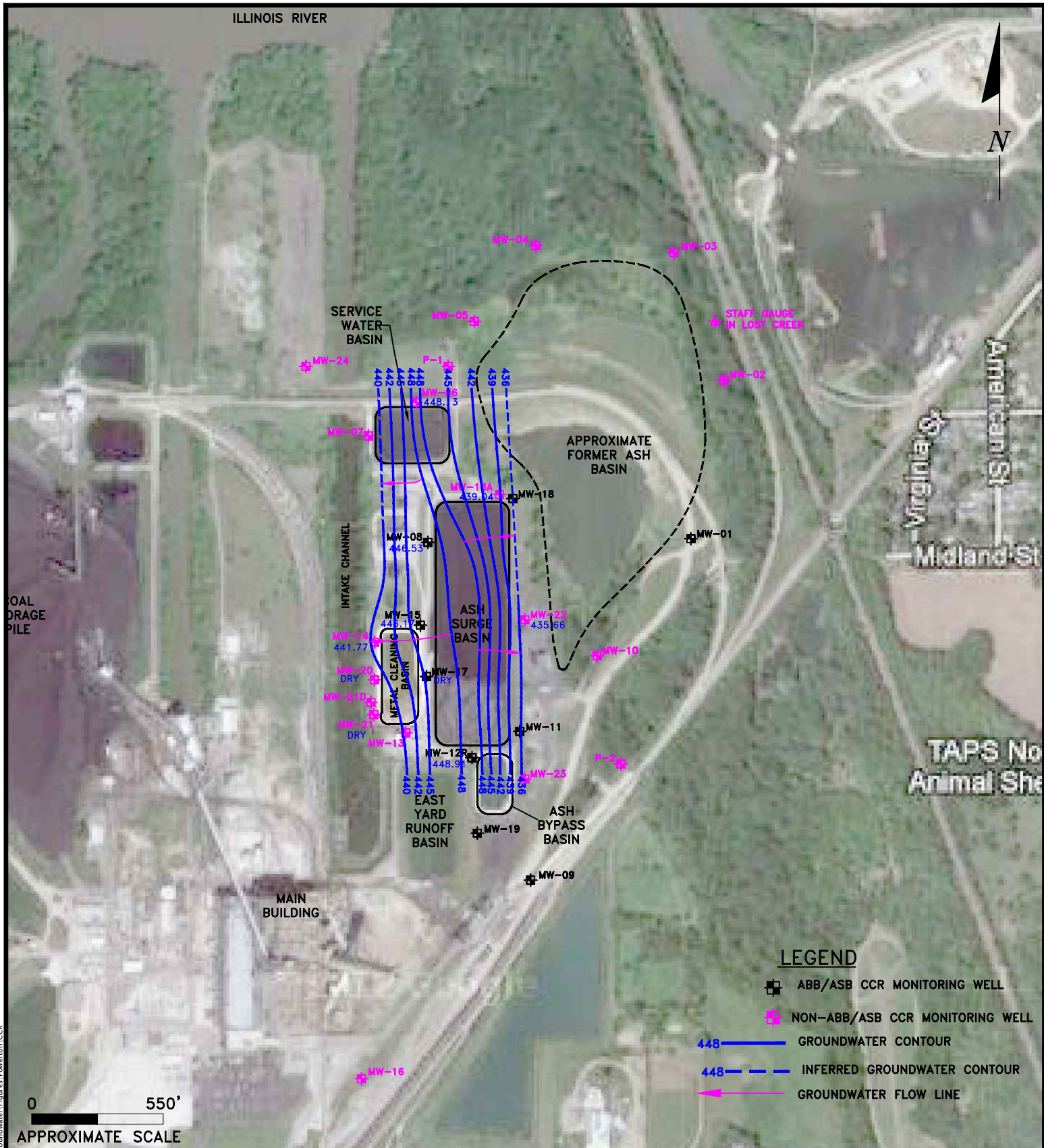
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

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CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SILT/CLAY UNIT 3Q2025

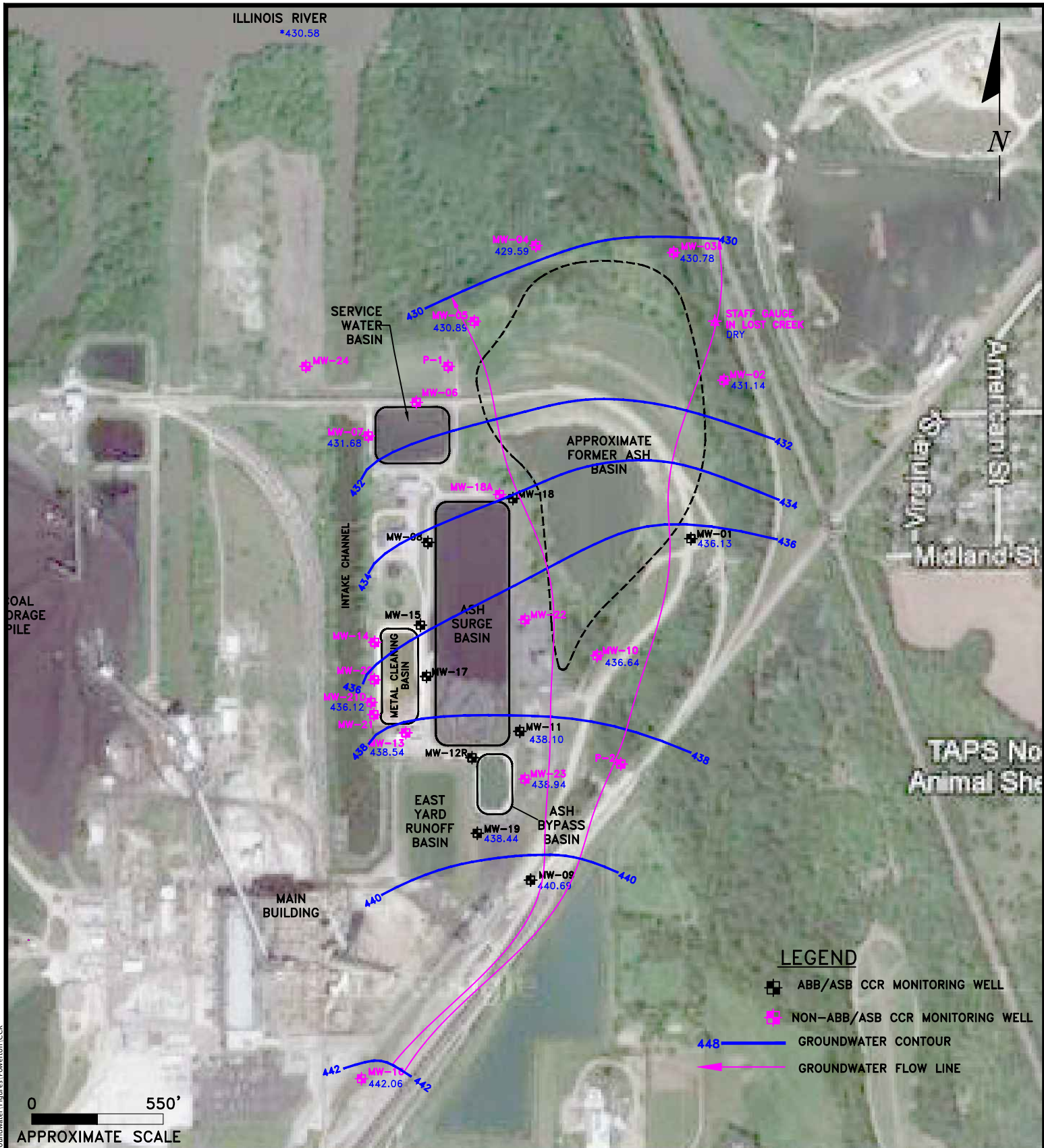
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

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CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SAND/GRAVEL UNIT 3Q2025

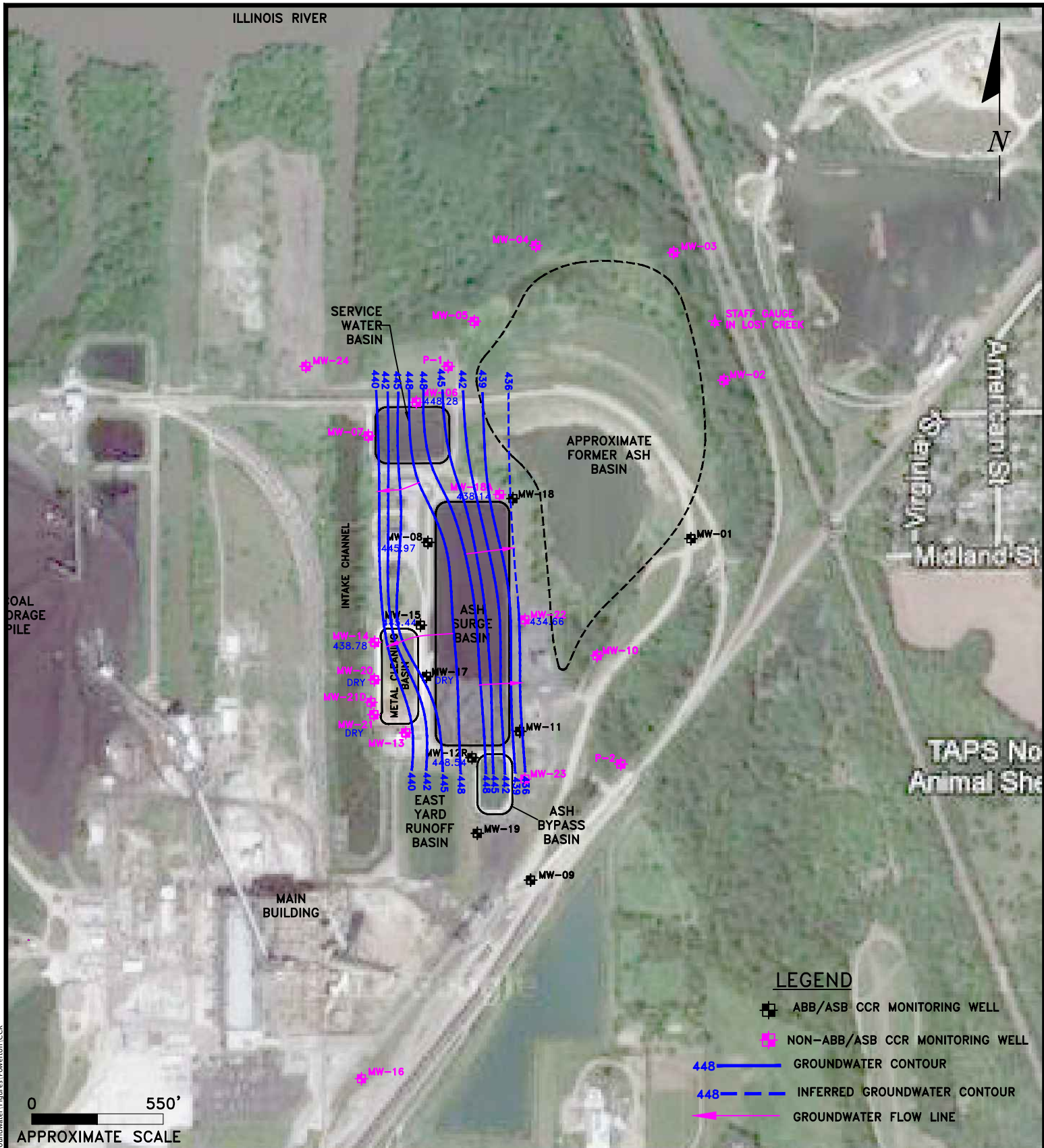
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 14, 2026

KPRG Project No. 12313.1

ATTACHMENT 1



ENVIRONMENTAL CONSULTATION & REMEDIATION

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14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SILT/CLAY UNIT 4Q2025

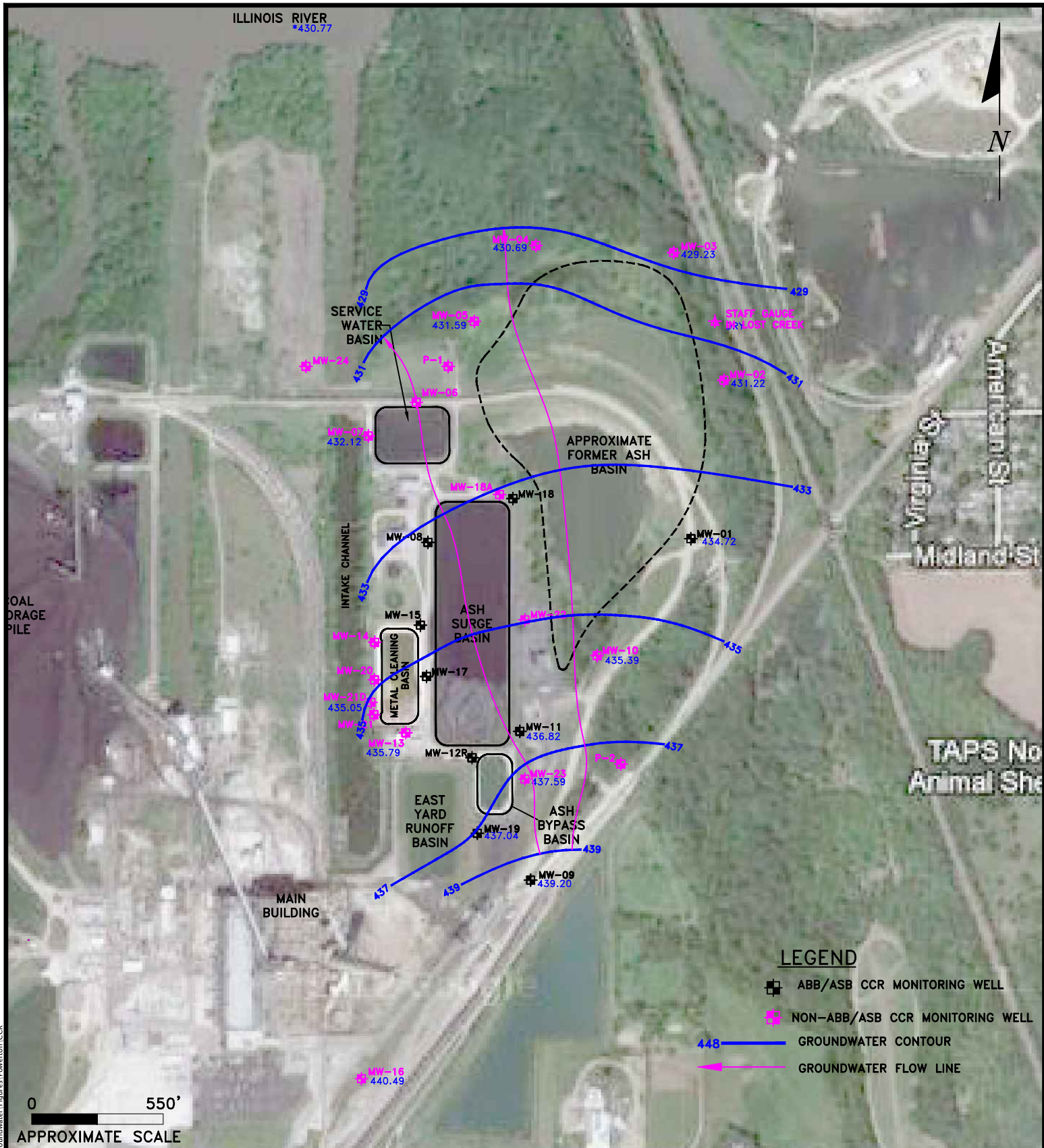
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

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CCR GROUNDWATER CONTOUR MAP FOR ABB/ASB SAND/GRAVEL UNIT 4Q2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

ATTACHMENT 1

ATTACHMENT 2
Analytical Data Packages

ANALYTICAL REPORT

PREPARED FOR

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

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

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-264388-1

Eurofins Chicago

Job Notes

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

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

Authorization



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

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

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Case Narrative

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

Job ID: 500-264388-1

Job ID: 500-264388-1

Eurofins Chicago

Job Narrative 500-264388-1

Receipt

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

Receipt Exceptions

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

Metals

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

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-809599 was above the upper control limit. The affected analyte is: Beryllium. Sample results were below the reporting limit, and have been reported as qualified data.

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

General Chemistry

Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-809219 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Eurofins Chicago

Method Summary

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

Job ID: 500-264388-1

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

Protocol References:

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-264388-1

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate

Lab Sample ID: 500-264388-1

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 10:00

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-10

Lab Sample ID: 500-264388-2

Date Collected: 02/24/25 12:32

Matrix: Water

Date Received: 02/25/25 10:00

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-11

Lab Sample ID: 500-264388-3

Date Collected: 02/24/25 13:51

Matrix: Water

Date Received: 02/25/25 10:00

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-03

Lab Sample ID: 500-264388-4

Date Collected: 02/25/25 14:48

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-04

Lab Sample ID: 500-264388-5

Date Collected: 02/25/25 13:06

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-05

Lab Sample ID: 500-264388-6

Date Collected: 02/25/25 12:08

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-15

Lab Sample ID: 500-264388-7

Date Collected: 02/25/25 09:35

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-16

Lab Sample ID: 500-264388-8

Date Collected: 02/25/25 10:43

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-22

Lab Sample ID: 500-264388-9

Date Collected: 02/25/25 08:28

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-264388-10

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 10:10

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-264388-11

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-08

Lab Sample ID: 500-264388-12

Date Collected: 02/26/25 14:17

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-06

Lab Sample ID: 500-264388-13

Date Collected: 02/26/25 13:24

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-07

Lab Sample ID: 500-264388-14

Date Collected: 02/26/25 12:09

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-02

Lab Sample ID: 500-264388-15

Date Collected: 02/26/25 10:26

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-21D

Lab Sample ID: 500-264388-16

Date Collected: 02/26/25 08:30

Matrix: Water

Date Received: 02/27/25 09:45

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-12R

Lab Sample ID: 500-264388-17

Date Collected: 02/27/25 12:04

Matrix: Water

Date Received: 02/28/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-09

Lab Sample ID: 500-264388-18

Date Collected: 02/27/25 11:00

Matrix: Water

Date Received: 02/28/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-01

Lab Sample ID: 500-264388-19

Date Collected: 02/27/25 08:23

Matrix: Water

Date Received: 02/28/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-18

Lab Sample ID: 500-264388-20

Date Collected: 02/27/25 09:39

Matrix: Water

Date Received: 02/28/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-18A

Lab Sample ID: 500-264388-21

Date Collected: 02/27/25 10:09

Matrix: Water

Date Received: 02/28/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-14

Lab Sample ID: 500-264388-22

Date Collected: 02/26/25 09:13

Matrix: Water

Date Received: 03/01/25 09:30

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-264388-1

Client Sample ID: MW-19

Lab Sample ID: 500-264388-23

Date Collected: 02/28/25 08:56

Matrix: Water

Date Received: 03/01/25 09:30

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Definitions/Glossary

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

Job ID: 500-264388-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
e1	Result exceeds calibration range
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

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

Job ID: 500-264388-1

Metals

Prep Batch: 807686

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

Prep Batch: 807812

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

Prep Batch: 807837

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

Analysis Batch: 807932

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

Prep Batch: 807950

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

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Prep Batch: 807950 (Continued)

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

Analysis Batch: 808139

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

Analysis Batch: 808661

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

Prep Batch: 808814

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

Analysis Batch: 808819

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

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 808819 (Continued)

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

Analysis Batch: 808948

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

Analysis Batch: 809039

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

Analysis Batch: 809599

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

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 809599 (Continued)

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

Analysis Batch: 809745

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

Prep Batch: 809827

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

Analysis Batch: 809970

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

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QC Association Summary

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

Job ID: 500-264388-1

Metals (Continued)

Analysis Batch: 809970 (Continued)

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

General Chemistry

Analysis Batch: 807701

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

Analysis Batch: 807786

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

Analysis Batch: 808359

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

Analysis Batch: 808561

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

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry

Analysis Batch: 808589

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

Analysis Batch: 808956

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

Analysis Batch: 808973

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

Analysis Batch: 809059

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

Analysis Batch: 809219

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

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry (Continued)

Analysis Batch: 809219 (Continued)

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

Analysis Batch: 809378

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

Analysis Batch: 809384

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

Analysis Batch: 809497

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

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QC Association Summary

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

Job ID: 500-264388-1

General Chemistry (Continued)

Analysis Batch: 809497 (Continued)

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

Analysis Batch: 809579

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

Analysis Batch: 809591

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

QC Sample Results

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

Job ID: 500-264388-1

Method: 6020B - Metals (ICP/MS)

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

Matrix: Water

Analysis Batch: 808661

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807686

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

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

Matrix: Water

Analysis Batch: 808948

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807686

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

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

Matrix: Water

Analysis Batch: 808661

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807686

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

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

Matrix: Water

Analysis Batch: 808948

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807686

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

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QC Sample Results

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

Job ID: 500-264388-1

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

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

Matrix: Water

Analysis Batch: 808819

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807837

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

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

Matrix: Water

Analysis Batch: 809039

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 807837

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

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

Matrix: Water

Analysis Batch: 808819

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807837

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

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

Matrix: Water

Analysis Batch: 809039

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 807837

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

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-4 MS

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

Lab Sample ID: 500-264388-4 MS

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

Lab Sample ID: 500-264388-4 MSD

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

Lab Sample ID: 500-264388-4 MSD

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-4 DU

Matrix: Water

Analysis Batch: 808819

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

Lab Sample ID: 500-264388-4 DU

Matrix: Water

Analysis Batch: 809039

Client Sample ID: MW-03

Prep Type: Total Recoverable

Prep Batch: 807837

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

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

Matrix: Water

Analysis Batch: 809599

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 808814

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

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

Matrix: Water

Analysis Batch: 809599

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 808814

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

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QC Sample Results

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

Job ID: 500-264388-1

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

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

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

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

Method: 7470A - Mercury (CVAA)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 500-264388-1

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

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

Matrix: Water

Analysis Batch: 808139

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 807950

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

Lab Sample ID: 500-264388-7 MS

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

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

Lab Sample ID: 500-264388-7 MSD

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000935		mg/L		94	75 - 125	1	20

Lab Sample ID: 500-264388-7 DU

Matrix: Water

Analysis Batch: 808139

Client Sample ID: MW-15

Prep Type: Total/NA

Prep Batch: 807950

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

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

Matrix: Water

Analysis Batch: 809970

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 809827

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

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

Matrix: Water

Analysis Batch: 809970

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 809827

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

Lab Sample ID: 500-264388-17 MS

Matrix: Water

Analysis Batch: 809970

Client Sample ID: MW-12R

Prep Type: Total/NA

Prep Batch: 809827

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

Lab Sample ID: 500-264388-17 MSD

Matrix: Water

Analysis Batch: 809970

Client Sample ID: MW-12R

Prep Type: Total/NA

Prep Batch: 809827

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

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QC Sample Results

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

Job ID: 500-264388-1

Method: 7470A - Mercury (CVAA)

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

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

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

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			02/26/25 03:30	1

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	236		mg/L		94	80 - 120

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

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

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

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

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

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

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

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

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

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

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

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

QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCS 500-808561/2

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-11 MS

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Duplicate 3

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-11 DU

Matrix: Water

Analysis Batch: 808561

Client Sample ID: Duplicate 3

Prep Type: Total/NA

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

Lab Sample ID: MB 500-808589/1

Matrix: Water

Analysis Batch: 808589

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-808589/2

Matrix: Water

Analysis Batch: 808589

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	248		mg/L		99	80 - 120

Lab Sample ID: MB 500-808956/1

Matrix: Water

Analysis Batch: 808956

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-808956/2

Matrix: Water

Analysis Batch: 808956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	248		mg/L		99	80 - 120

Lab Sample ID: 500-264388-18 DU

Matrix: Water

Analysis Batch: 808956

Client Sample ID: MW-09

Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: MB 500-808973/1
Matrix: Water
Analysis Batch: 808973

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

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

Lab Sample ID: LCS 500-808973/2
Matrix: Water
Analysis Batch: 808973

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

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

Lab Sample ID: 500-264388-23 MS
Matrix: Water
Analysis Batch: 808973

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

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

Lab Sample ID: 500-264388-23 DU
Matrix: Water
Analysis Batch: 808973

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

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

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-809219/64
Matrix: Water
Analysis Batch: 809219

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

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

Lab Sample ID: LCS 500-809219/65
Matrix: Water
Analysis Batch: 809219

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.3		mg/L		102	85 - 115

Lab Sample ID: 500-264388-14 MS
Matrix: Water
Analysis Batch: 809219

Client Sample ID: MW-07
Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: 500-264388-14 MSD

Matrix: Water

Analysis Batch: 809219

Client Sample ID: MW-07

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809384/102

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809384/48

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-809384/103

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.8		mg/L		104	85 - 115

Lab Sample ID: LCS 500-809384/49

Matrix: Water

Analysis Batch: 809384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.3		mg/L		102	85 - 115

Lab Sample ID: 500-264388-18 MS

Matrix: Water

Analysis Batch: 809384

Client Sample ID: MW-09

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-18 MSD

Matrix: Water

Analysis Batch: 809384

Client Sample ID: MW-09

Prep Type: Total/NA

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-264388-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-807786/3

Matrix: Water

Analysis Batch: 807786

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			02/26/25 10:46	1

Lab Sample ID: LCS 500-807786/4

Matrix: Water

Analysis Batch: 807786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.82		mg/L		98	90 - 119

Lab Sample ID: MB 500-809059/3

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809059/31

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-809059/32

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-809059/4

Matrix: Water

Analysis Batch: 809059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809378/3

Matrix: Water

Analysis Batch: 809378

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-809378/4

Matrix: Water

Analysis Batch: 809378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.67		mg/L		97	90 - 119

Eurofins Chicago

QC Sample Results

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

Job ID: 500-264388-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-809579/3
Matrix: Water
Analysis Batch: 809579

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

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

Lab Sample ID: LCS 500-809579/4
Matrix: Water
Analysis Batch: 809579

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.91		mg/L		99	90 - 119

Lab Sample ID: 500-264388-23 MS
Matrix: Water
Analysis Batch: 809579

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

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

Lab Sample ID: 500-264388-23 MSD
Matrix: Water
Analysis Batch: 809579

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

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

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-809497/121
Matrix: Water
Analysis Batch: 809497

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

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

Lab Sample ID: MB 500-809497/67
Matrix: Water
Analysis Batch: 809497

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

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

Lab Sample ID: LCS 500-809497/122
Matrix: Water
Analysis Batch: 809497

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

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-264388-1

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

Lab Sample ID: LCS 500-809497/68

Matrix: Water

Analysis Batch: 809497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.4		mg/L		102	88 - 123

Lab Sample ID: 500-264388-14 MS

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-07

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-14 MSD

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-07

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-23 MS

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-19

Prep Type: Total/NA

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

Lab Sample ID: 500-264388-23 MSD

Matrix: Water

Analysis Batch: 809497

Client Sample ID: MW-19

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809591/149

Matrix: Water

Analysis Batch: 809591

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: MB 500-809591/16

Matrix: Water

Analysis Batch: 809591

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-809591/150

Matrix: Water

Analysis Batch: 809591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	22.6		mg/L		113	88 - 123

Eurofins Chicago

Eurofins Chicago

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

Chain of Custody Record

eurofins
Environment Testing

Client Information		Sampler <u>Jack Misner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-132937-49657 1	
Client Contact: Kaelyn Sperle		Phone <u>262-622-1143</u>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page Page 1 of 1	
Company KPRG and Associates, Inc.				PWSID		Analysis Requested			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSB (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E SM4500_SO4_E - Sulfate		Total Number of Containers		Job # <u>123131</u>	
City: Brookfield		TAT Requested (days):							
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	
Site: <u>Powerton Station</u>		SSOW#						Other:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
								Preservation Code	
~~MW-01~~								Water	
~~MW-02~~								Water	
~~MW-03~~								Water	
~~MW-04~~								Water	
~~MW-05~~								Water	
~~MW-06~~								Water	
~~MW-07~~								Water	
~~MW-08~~								Water	
1 ~~MW-09~~ Duplicate 1		2/24/25		-		G		Water	
2 MW-10		2/24/25		1232		G		Water	
3 MW-11		2/24/25		1351		G		Water	
Possible Hazard Identification									
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I, II, III, IV, Other (specify)									
Special Instructions/QC Requirements									
Empty Kit Relinquished by				Date		Time		Method of Shipment	
Relinquished by: <u>Jack Misner</u>				Date/Time: <u>2/24/25 1535</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>	
Relinquished by:				Date/Time:		Company:		Received by: <u>Shirley Smith</u>	
Relinquished by:				Date/Time:		Company:		Received by:	
Custody Seals Intact. ☐ Yes ☐ No				Custody Seal No.		Cooler Temperature(s) °C and Other Remarks <u>0.5 - 70.2</u>			

 eurofins | Environment Testing

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

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

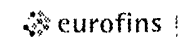
Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: <u>Mockler, Diana J</u>		Carrier Tracking No(s)		COC No: <u>500-132937-49657 2</u>																							
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>		E-Mail: <u>Diana.Mockler@eurofins.com</u>		State of Origin: <u>IL</u>		Page: <u>1051</u>																							
Company: <u>KPRG and Associates, Inc.</u>		PWSID		Analysis Requested						Job #: <u>12313.1</u>																					
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) <table border="1"><tr><td>903.0, 904.0</td><td>6020A, 7470A</td><td>2540C, 4500_F_C, SM4500_CLE</td><td>SM4500_SO4_E - Sulfate</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>						903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate																	Preservation Codes D HNO3 N None <u>500-264388</u>	
903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate																												
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>								Other																					
State Zip: <u>WI, 53005</u>		Compliance Project ☐ Yes ☐ No																													
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502160845</u>																													
Email: <u>kaelyns@kprginc.com</u>		WO #:																													
Project Name: <u>Powerton CCR Event Desc Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>																													
Site: <u>Powerton Station</u>		SSOW#:																													
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers		Special Instructions/Note:															
17 MW-12R		2/27/25		1204		G		Water		N		N		X		X															
18 ~~MW-14~~ MW-09		2/27/25		1100		G		Water		N		N		X		X															
19 ~~MW-15~~ MW-01		2/27/25		0823		G		Water		N		N		X		X															
MW-16								Water																							
MW-17								Water																							
20 MW-18		2/27/25		0939		G		Water		N		N		X		X															
21 MW-18A		2/27/25		1009		G		Water		N		N		X		X															
MW-19								Water																							
MW-20								Water																							
MW-21								Water																							
Duplicate 1								Water																							
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																					
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months																					
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements																					
Empty Kit Relinquished by				Date				Time				Method of Shipment:																			
Relinquished by: <u>Jack Misner</u>				Date/Time: <u>2/27/25 1600</u>				Company: <u>KPRG</u>				Received by: <u>FedEx</u>				Date/Time: <u>2/27/25 1600</u>				Company: <u>FedEx</u>											
Relinquished by:				Date/Time:				Company:				Received by: <u>Mike Root</u>				Date/Time: <u>2/28/25 0920</u>				Company: <u>KPRG</u>											
Relinquished by:				Date/Time:				Company:				Received by:				Date/Time:				Company:											
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>1.1 → 0.8, 0.0 → 0.3</u>																											

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-132937-49657 2						
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page 268 1091						
Company: KPRG and Associates, Inc		PWSID		Analysis Requested						Job #: <u>12313.1</u>				
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-264388 COC						Preservation Codes: D - HNO3 N - None 500-264388				
City: Brookfield		TAT Requested (days): <u>Standard</u>												
State, Zip: WI, 53005		Compliance Project ☐ Yes ☐ No												
Phone: 262-781-0475(Tel)		PO #: 4502160845												
Email: kaelyns@kprginc.com		WO #:												
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE SM4500_SO4_E - Sulfate						Total Number of Containers				
Site: <u>Powerton Station</u>		SSOW#:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)							Special Instructions/Note:		
				Preservation Code:										
~~MW-13R~~					Water									
22 MW-14		2/26/25	0913	G	Water	N	N	X	X	X	X			
~~MW-15~~					Water									
~~MW-16~~					Water									
~~MW-17~~					Water									
~~MW-18~~					Water									
~~MW-18A~~					Water									
23 MW-19		2/28/25	0856	G	Water	N	N	X	X	X	X			
~~MW-21D~~					Water									
~~MW-22~~					Water									
~~Duplicate 1~~					Water									
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months								
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements								
Empty Kit Relinquished by		Date		Time		Method of Shipment								
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>2/28/25 1200</u>		Company: <u>EEIA</u>				
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hemmady</u>		Date/Time: <u>3/11/25 0930</u>		Company:				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:				
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>-0.3 + -0.4</u>										

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

ACTING: 25 00 LB MAN
CAD 0780307/CAFE3855

Part # 159489-434 MTW EXP 04/25

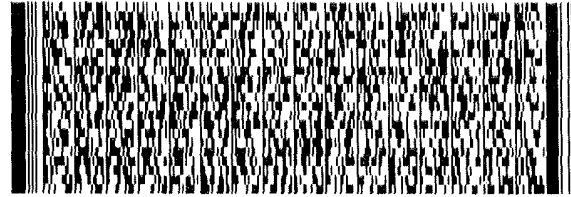
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(202) 202-6966
THU
PO:

REF:

DEPT

RMA: ||| ||| |||

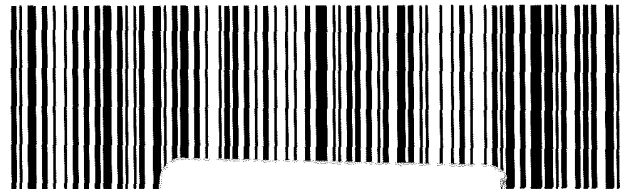


FedEx
TRK#
0221 **4376 0568 1577**

TUE - 25 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



RT **B19** 5
ST **14** 10:30 **A**
11
02



500-264388 Waybl

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

ACTWGT: 26.00 LB OZ 10.00
CAD: 07803077/CAFE3855

Part # 159468

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

(262) 202-6066
INV
PO:

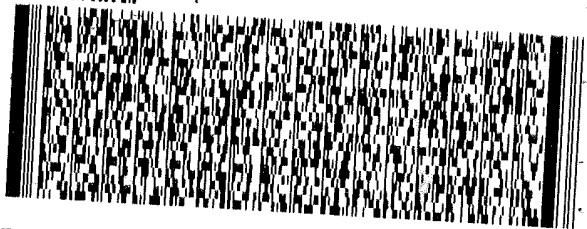
REF:

DEPT:



500 264388 Waybi

RMA



FedEx
Express



FedEx
TRK#
0221 4376 0568 1625

XP JOTA

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

60487

IL-US ORD



EXP 11/25

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

ACTWGT: 26.00 LB OZ 10.00
CAD: 07803077/CAFE3855

Part # 159468-434 INTW EXP 04/25

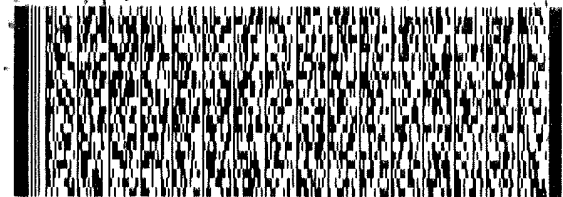
TO SAMPLE RECEIPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-6066

REF:

DEPT:

RMA



FedEx
Express



FedEx
TRK#
0221 4376 0568 1599

XP JOTA

WED - 26 FEB 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



EXP 11/25

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

Part
59.67 43.
5960343417/FF28

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

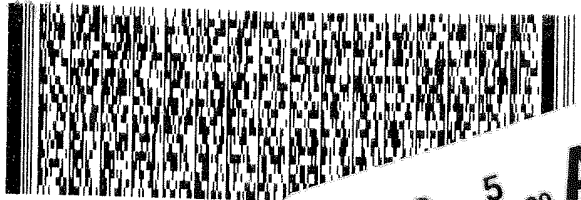
(262) 202-5955
THU
PO

REF

DEPT

500-264388 Waybi

RMA. ||| ||| |||



FedEx
Express



RT **B19** 5 10:30 A
4229 02 27 - SAT
ST 10 OVERNIGHT

TRK# 4283 7742 4229
0221

FedEx
TRK# 4283 7742 4229
0221

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

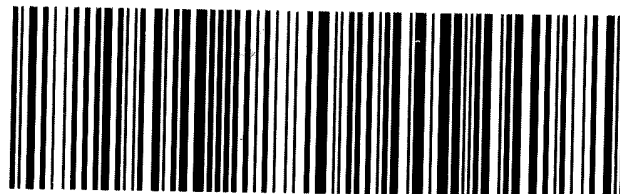
XP JOTA

60487

IL-US

ORD

EXP 11/25



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

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

ALINGI 25 00 LB MAN
CAD 0780307/LAFE3855

5960343417/FF28
EXP 12.00

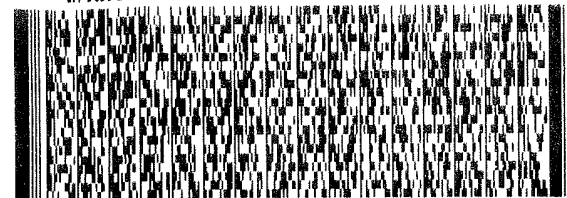
TO **SAMPLE RECIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
THU
PO

REF

DEPT

RMA. ||| ||| |||



FedEx
Express



5960343417/FF28

TRK# 4376 0568 1544
0221

FedEx
TRK# 4376 0568 1544
0221

RETURNS MON-SAT
PRIORITY OVERNIGHT

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

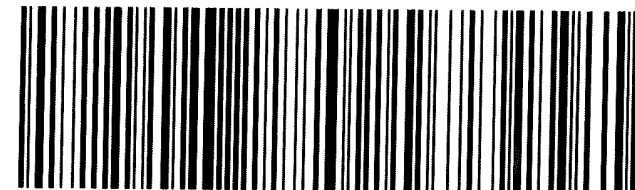
XP JOTA

60487

IL-US

ORD

EXP 11/25



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

500-264388 Waybl

UHN
3855

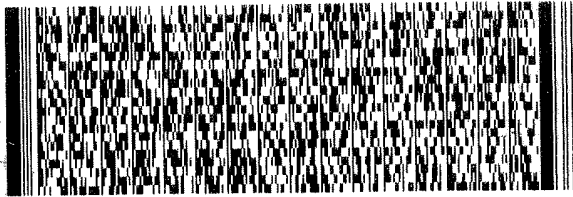
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV:
PO.

REF

DEPT

RMA



FedEx
Express



J2430240704010Y

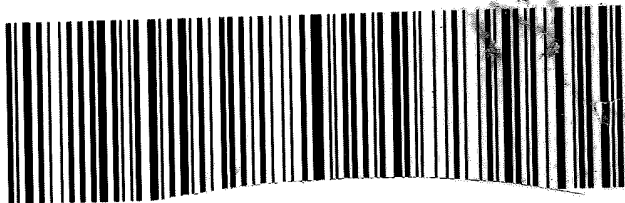
TRK#
0221

4376 0568 1636

FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

JOTA

60487
IL-US ORD



EXP 11/25

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

ALINGI - 25 00 LB ANN
CAD. 0780307/CAFE3855

Part # 159489-434 MIV EXP 4

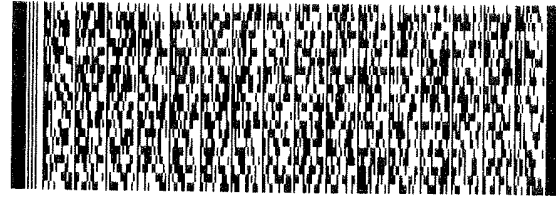
TO **SAMPLE RECIEPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(262) 202-5955
INV
PO.

REF

DEPT

RMA



FedEx
Express



J2430240704010Y

TRK#
0221

4376 0568 1647

RETURNS MON - SAT
PRIORITY OVERNIGHT

FedEx

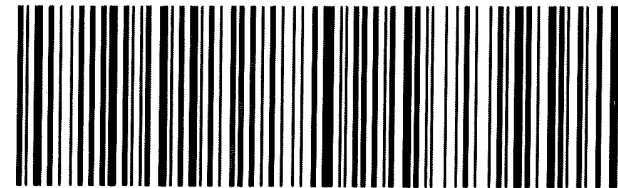
TRK#
0221

4376 0568 1647

FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



EXP 11/25

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

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

CAD: 0780307/CAFE3855

Part # 159469-434 MTW
SRCS/FC12/FF2E

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

(202) 202-6866
THU: PO

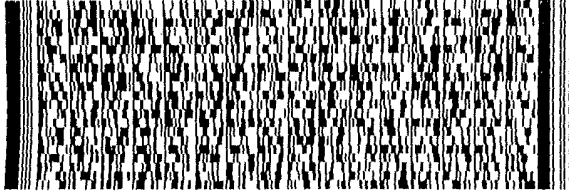
REF

DEPT

RT 726

7 12:00
A
1670
03.01

RMA: 11111111



FedEx
Express



12430324070401.00

TRK# 4376 0568 1670
0221

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

IL-US

EdEx
K# 4376 0568 1670
21

SATURDAY 12:00P
PRIORITY OVERNIGHT

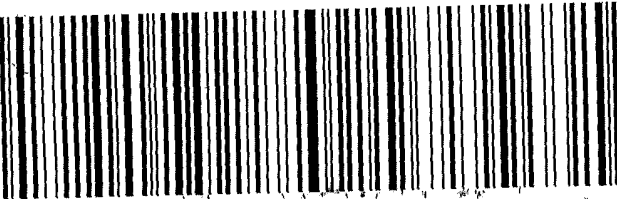
60487

IL-US

OR

EXP 11/25

KO JOTA



14577 02/28 5BCJ4/26DE/C6C4



500-264388 Waybi

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-1

Login Number: 264388

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: Duplicate

Lab Sample ID: 500-264388-1

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 10:00

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

Client Sample ID: MW-10

Lab Sample ID: 500-264388-2

Date Collected: 02/24/25 12:32

Matrix: Water

Date Received: 02/25/25 10:00

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

Client Sample ID: MW-11

Lab Sample ID: 500-264388-3

Date Collected: 02/24/25 13:51

Matrix: Water

Date Received: 02/25/25 10:00

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-11

Date Collected: 02/24/25 13:51

Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-3

Matrix: Water

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

Client Sample ID: MW-03

Date Collected: 02/25/25 14:48

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-4

Matrix: Water

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

Client Sample ID: MW-04

Date Collected: 02/25/25 13:06

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-5

Matrix: Water

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

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-05

Date Collected: 02/25/25 12:08

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6

Matrix: Water

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

Client Sample ID: MW-15

Date Collected: 02/25/25 09:35

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-7

Matrix: Water

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

Client Sample ID: MW-16

Date Collected: 02/25/25 10:43

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-8

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-22

Date Collected: 02/25/25 08:28

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-9

Matrix: Water

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

Client Sample ID: Duplicate 2

Date Collected: 02/25/25 00:00

Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-10

Matrix: Water

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

Client Sample ID: Duplicate 3

Date Collected: 02/26/25 00:00

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-11

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-08

Date Collected: 02/26/25 14:17

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-12

Matrix: Water

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

Client Sample ID: MW-06

Date Collected: 02/26/25 13:24

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-13

Matrix: Water

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

Client Sample ID: MW-07

Date Collected: 02/26/25 12:09

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-14

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-02

Date Collected: 02/26/25 10:26

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-15

Matrix: Water

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

Client Sample ID: MW-21D

Date Collected: 02/26/25 08:30

Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-16

Matrix: Water

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

Client Sample ID: MW-12R

Date Collected: 02/27/25 12:04

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-17

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-09

Date Collected: 02/27/25 11:00

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-18

Matrix: Water

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

Client Sample ID: MW-01

Date Collected: 02/27/25 08:23

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-19

Matrix: Water

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

Client Sample ID: MW-18

Date Collected: 02/27/25 09:39

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-20

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Client Sample ID: MW-18A

Date Collected: 02/27/25 10:09

Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-21

Matrix: Water

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

Client Sample ID: MW-14

Date Collected: 02/26/25 09:13

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-22

Matrix: Water

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

Client Sample ID: MW-19

Date Collected: 02/28/25 08:56

Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-23

Matrix: Water

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-264388-1

Laboratory References:

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

1
2
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Accreditation/Certification Summary

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

Job ID: 500-264388-1

Laboratory: Eurofins Chicago

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

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

- 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 5/30/2025 12:55:35 PM

JOB DESCRIPTION

Powerton CCR Resamples (RAD)

JOB NUMBER

500-267405-2

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
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Case Narrative

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

Job ID: 500-267405-2

Job ID: 500-267405-2

Eurofins Chicago

Job Narrative
500-267405-2

Receipt

The samples were received on 4/25/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

Gas Flow Proportional Counter

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

Rad

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

Eurofins Chicago

Method Summary

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

Job ID: 500-267405-2

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 Resamples (RAD)

Job ID: 500-267405-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267405-1	MW-10	Water	04/24/25 12:34	04/25/25 09:40

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

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

Job ID: 500-267405-2

Client Sample ID: MW-10

Lab Sample ID: 500-267405-1

Date Collected: 04/24/25 12:34

Matrix: Water

Date Received: 04/25/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.545		0.231	0.236	1.00	0.254	pCi/L	05/01/25 16:18	05/30/25 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					05/01/25 16:18	05/30/25 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.420	U	0.356	0.358	1.00	0.560	pCi/L	05/01/25 16:21	05/29/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					05/01/25 16:21	05/29/25 11:54	1
Y Carrier	86.7		30 - 110					05/01/25 16:21	05/29/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.965		0.424	0.429	5.00	0.560	pCi/L		05/30/25 11:58	1

Definitions/Glossary

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

Job ID: 500-267405-2

Qualifiers

Rad

Qualifier	Qualifier Description
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 Resamples (RAD)

Job ID: 500-267405-2

Rad

Prep Batch: 715675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267405-1	MW-10	Total/NA	Water	PrecSep-21	
MB 160-715675/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-715675/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 715676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267405-1	MW-10	Total/NA	Water	PrecSep_0	
MB 160-715676/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-715676/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

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

Job ID: 500-267405-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-715675/1-A

Matrix: Water

Analysis Batch: 720095

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 715675

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.09724	U	0.144	0.144	1.00	0.247	pCi/L	05/01/25 16:18	05/30/25 07:40	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					05/01/25 16:18	05/30/25 07:40	1

Lab Sample ID: LCS 160-715675/2-A

Matrix: Water

Analysis Batch: 720095

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 715675

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.521		1.20	1.00	0.258	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.1		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-715676/1-A

Matrix: Water

Analysis Batch: 719805

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 715676

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6151	U	0.432	0.436	1.00	0.660	pCi/L	05/01/25 16:21	05/29/25 11:52	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					05/01/25 16:21	05/29/25 11:52	1
Y Carrier	85.2		30 - 110					05/01/25 16:21	05/29/25 11:52	1

Lab Sample ID: LCS 160-715676/2-A

Matrix: Water

Analysis Batch: 719805

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 715676

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.40	10.11		1.41	1.00	0.617	pCi/L	108	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.1		30 - 110							
Y Carrier	81.5		30 - 110							

Eurofins Chicago

(optional)

Bill To _____

Contact: _____

Company: _____

Address: _____

Address: 52005 _____

Phone: _____

Fax: _____

PO#/Reference# _____

Temperature °C of Cooler 0.2 + 0.8

500-267405 COC

Preservative Key

- 1 HCL, Cool to 4°
- 2 H2SO4, Cool to 4°
3. HNO3, Cool to 4°
- 4 NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
- 7 Cool to 4°
- 8 None
9. Other

Comments

Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Lab Courier	
Shipped	
Hand Delivered	

Client Comments

Lab Comments.

Do Not Lift Using This Tag

ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 24APR25
ACTWGT: 50.90 LB
CAD: 6994780/SSFE2600
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part # 156297403

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



TINLEY PARK IL 60487

500-267405 Waybi

(000) 000-0000

REF:

DEPT:



FedEx
Express



4614 FRI 04/25 07:23
18410 CROSSING DR
PRIORITY OVERNIGHT
416-1091FL
CTP: 21 SP: PD: 100.Y

60487-9287-77
TINLEY PARK, IL

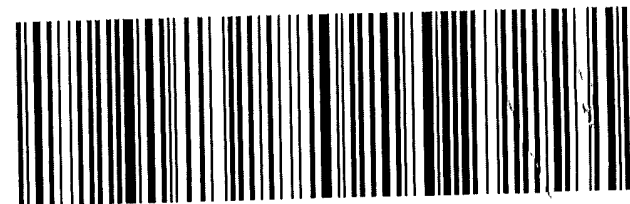
287923410120

TRK# 2879 2341 0120
0201

25 APR 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD



48

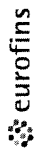
Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200084.1
Client Contact:		Phone: N/A	E-Mail: Diana.Mockler@eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.			Job #: 500-267405-1
Address: 13715 Ridler Trail North,		Accreditations Required (See note): NELAP - Illinois			Preservation Codes:
City: Earth City		Analysis Requested			
State, Zip: MO, 63045					
Phone: 314-298-8566(Tel) 314-298-8757(Fax)					
Email: N/A					
Project #: 50011612					
Powerdon CCR		Field Filtered Sample (Yes or No)			
Site: N/A					
SSOW#: N/A					
Matrix (W=Water, S=Soil, O=Organic, A=Air)					
Sample Type (C=Comp, G=Grab)					
Sample Date		Sample Time	Preservation Code	Field Filtered Sample (Yes or No)	
4/24/25		12:34 Central	G		
Sample Identification - Client ID (Lab ID)		Field Filtered Sample (Yes or No)			
MW-10 (500-267405-1)					
Special Instructions/Note:		Field Filtered Sample (Yes or No)			
Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs					
Total Number of containers		Field Filtered Sample (Yes or No)			
3					
Other: N/A		Field Filtered Sample (Yes or No)			

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: Method of Shipment:

Relinquished by: Date/Time: Company: Received by: Date/Time: Company:

Relinquished by: Date/Time: Company: Received by: Date/Time: Company:

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Special Instructions/QC Requirements:

Received by: M. Pinette

Received by: Meadow Pinette

Received by:

APR 28 2025 08:25

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267405-2

Login Number: 267405

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	0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	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: 500-267405-2

Login Number: 267405

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 04/28/25 11:45 AM

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

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-267405-2

Client Sample ID: MW-10

Date Collected: 04/24/25 12:34

Date Received: 04/25/25 09:40

Lab Sample ID: 500-267405-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			715675	OGC	EET SL	05/01/25 16:18
Total/NA	Analysis	903.0		1	720104	SWS	EET SL	05/30/25 07:45
Total/NA	Prep	PrecSep_0			715676	OGC	EET SL	05/01/25 16:21
Total/NA	Analysis	904.0		1	719771	SWS	EET SL	05/29/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	719591	SCB	EET SL	05/30/25 11:58

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 Resamples (RAD)

Job ID: 500-267405-2

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 Resamples (RAD)

Job ID: 500-267405-2

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)					
500-267405-1	MW-10	91.8					
LCS 160-715675/2-A	Lab Control Sample	86.1					
MB 160-715675/1-A	Method Blank	88.6					
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)				
500-267405-1	MW-10	91.8	86.7				
LCS 160-715676/2-A	Lab Control Sample	86.1	81.5				
MB 160-715676/1-A	Method Blank	88.6	85.2				
Tracer/Carrier Legend							
Ba = Ba Carrier							
Y = Y Carrier							

ANALYTICAL REPORT

PREPARED FOR

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

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

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-268590-1

Eurofins Chicago

Job Notes

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

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

Authorization



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

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

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Case Narrative

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

Job ID: 500-268590-1

Job ID: 500-268590-1

Eurofins Chicago

Job Narrative 500-268590-1

Receipt

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

Receipt Exceptions

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

Metals

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

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

General Chemistry

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

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

Eurofins Chicago

Method Summary

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

Job ID: 500-268590-1

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

Protocol References:

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-268590-1

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-06

Lab Sample ID: 500-268590-1

Date Collected: 05/19/25 13:00

Matrix: Water

Date Received: 05/20/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:32	1
Arsenic	0.0025		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Barium	0.065		0.0025		mg/L		05/27/25 15:31	05/28/25 16:32	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Boron	0.36		0.050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Calcium	94		0.20		mg/L		05/27/25 15:31	05/28/25 16:32	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:32	1
Molybdenum	0.011		0.0050		mg/L		05/27/25 15:31	05/28/25 16:32	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:32	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:32	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:43	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Barium	0.10		0.0025		mg/L		05/27/25 15:31	05/28/25 16:43	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Boron	2.3		0.050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:43	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:43	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:43	1
Selenium	0.0026		0.0025		mg/L		05/27/25 15:31	05/28/25 16:43	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:46	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Barium	0.11		0.0025		mg/L		05/27/25 15:31	05/28/25 16:46	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Boron	0.18		0.050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Calcium	84		0.20		mg/L		05/27/25 15:31	05/28/25 16:46	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:46	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:46	1
Selenium	0.0059		0.0025		mg/L		05/27/25 15:31	05/28/25 16:46	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:46	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:31	05/28/25 16:54	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Barium	0.052		0.0025		mg/L		05/27/25 15:31	05/28/25 16:54	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Boron	3.2		0.050		mg/L		05/27/25 15:31	05/29/25 11:00	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Calcium	110		0.20		mg/L		05/27/25 15:31	05/28/25 16:54	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:31	05/28/25 16:54	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:31	05/28/25 16:54	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:31	05/28/25 16:54	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:31	05/28/25 16:54	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-11

Lab Sample ID: 500-268590-12

Date Collected: 05/20/25 12:27

Matrix: Water

Date Received: 05/21/25 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:13	1
Arsenic	0.014		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Barium	0.19		0.0025		mg/L		05/27/25 15:43	05/28/25 17:13	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Boron	1.9		0.050		mg/L		05/27/25 15:43	05/29/25 11:56	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Calcium	130		0.20		mg/L		05/27/25 15:43	05/28/25 17:13	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Cobalt	0.0017		0.0010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:13	1
Molybdenum	0.014		0.0050		mg/L		05/27/25 15:43	05/28/25 17:13	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:13	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:13	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-14

Lab Sample ID: 500-268590-14

Date Collected: 05/21/25 11:58

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:34	1
Arsenic	0.0024		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Barium	0.046		0.0025		mg/L		05/27/25 15:43	05/28/25 17:34	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Boron	2.7		0.25		mg/L		05/27/25 15:43	05/29/25 12:10	5
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Calcium	260		1.0		mg/L		05/27/25 15:43	05/29/25 12:10	5
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Lithium	0.022		0.010		mg/L		05/27/25 15:43	05/28/25 17:34	1
Molybdenum	0.097		0.0050		mg/L		05/27/25 15:43	05/28/25 17:34	1
Selenium	0.0054		0.0025		mg/L		05/27/25 15:43	05/28/25 17:34	1
Thallium	0.0036		0.0020		mg/L		05/27/25 15:43	05/28/25 17:34	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-15

Lab Sample ID: 500-268590-15

Date Collected: 05/21/25 11:00

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:37	1
Arsenic	0.026		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Barium	0.080		0.0025		mg/L		05/27/25 15:43	05/28/25 17:37	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Boron	1.4		0.050		mg/L		05/27/25 15:43	05/29/25 12:18	1
Cadmium	0.00066		0.00050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Calcium	190		0.20		mg/L		05/27/25 15:43	05/28/25 17:37	1
Chromium	0.0060		0.0050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Cobalt	0.0015		0.0010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Lithium	0.021		0.010		mg/L		05/27/25 15:43	05/28/25 17:37	1
Molybdenum	0.057		0.0050		mg/L		05/27/25 15:43	05/28/25 17:37	1
Selenium	0.015		0.0025		mg/L		05/27/25 15:43	05/28/25 17:37	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:37	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-16

Lab Sample ID: 500-268590-16

Date Collected: 05/21/25 13:10

Matrix: Water

Date Received: 05/22/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 17:40	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Barium	0.042		0.0025		mg/L		05/27/25 15:43	05/28/25 17:40	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Boron	0.15		0.050		mg/L		05/27/25 15:43	05/29/25 12:20	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Calcium	120		0.20		mg/L		05/27/25 15:43	05/28/25 17:40	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Cobalt	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 17:40	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 17:40	1
Selenium	<0.0025		0.0025		mg/L		05/27/25 15:43	05/28/25 17:40	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 17:40	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-17

Lab Sample ID: 500-268590-19

Date Collected: 05/22/25 12:25

Matrix: Water

Date Received: 05/23/25 09:40

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

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

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

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 500-268590-1

Client Sample ID: MW-22

Lab Sample ID: 500-268590-24

Date Collected: 05/22/25 11:52

Matrix: Water

Date Received: 05/23/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/25 15:43	05/28/25 18:14	1
Arsenic	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Barium	0.092		0.0025		mg/L		05/27/25 15:43	05/28/25 18:14	1
Beryllium	<0.0010		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Boron	2.1		0.050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Cadmium	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Calcium	120		0.20		mg/L		05/27/25 15:43	05/28/25 18:14	1
Chromium	<0.0050		0.0050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Cobalt	0.0021		0.0010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Lead	<0.00050		0.00050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Lithium	<0.010		0.010		mg/L		05/27/25 15:43	05/28/25 18:14	1
Molybdenum	0.031		0.0050		mg/L		05/27/25 15:43	05/28/25 18:14	1
Selenium	0.020		0.0025		mg/L		05/27/25 15:43	05/28/25 18:14	1
Thallium	<0.0020		0.0020		mg/L		05/27/25 15:43	05/28/25 18:14	1

Method: SW846 7470A - Mercury (CVAA)

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

General Chemistry

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

Definitions/Glossary

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

Job ID: 500-268590-1

Qualifiers

Metals

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

General Chemistry

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

Glossary

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

QC Association Summary

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

Job ID: 500-268590-1

Metals

Prep Batch: 819153

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

Prep Batch: 819156

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

Prep Batch: 819295

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

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Prep Batch: 819295 (Continued)

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

Analysis Batch: 819435

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

Analysis Batch: 819497

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

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Analysis Batch: 819497 (Continued)

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

Analysis Batch: 819501

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

Prep Batch: 819518

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

Analysis Batch: 819629

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

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QC Association Summary

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

Job ID: 500-268590-1

Metals (Continued)

Analysis Batch: 819629 (Continued)

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

Analysis Batch: 819696

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

General Chemistry

Analysis Batch: 818591

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

Analysis Batch: 818808

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

Analysis Batch: 818989

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

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QC Association Summary

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

Job ID: 500-268590-1

General Chemistry (Continued)

Analysis Batch: 818989 (Continued)

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

Analysis Batch: 818991

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

Analysis Batch: 819186

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

Analysis Batch: 819321

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

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QC Association Summary

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

Job ID: 500-268590-1

General Chemistry

Analysis Batch: 819385

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

Analysis Batch: 819484

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

Analysis Batch: 819713

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

Analysis Batch: 819787

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

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QC Association Summary

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

Job ID: 500-268590-1

General Chemistry (Continued)

Analysis Batch: 819787 (Continued)

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

Analysis Batch: 820136

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

QC Sample Results

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

Job ID: 500-268590-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-819153/1-A

Matrix: Water

Analysis Batch: 819435

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 819153

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

Lab Sample ID: LCS 500-819153/2-A

Matrix: Water

Analysis Batch: 819435

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 819153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.549		mg/L		110	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.500	0.515		mg/L		103	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	1.04		mg/L		104	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	10.0	9.13		mg/L		91	80 - 120
Chromium	0.200	0.205		mg/L		102	80 - 120
Cobalt	0.500	0.532		mg/L		106	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.105		mg/L		105	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-819156/1-A

Matrix: Water

Analysis Batch: 819435

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 819156

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: MB 500-819156/1-A

Matrix: Water

Analysis Batch: 819435

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: MB 500-819156/1-A

Matrix: Water

Analysis Batch: 819629

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: LCS 500-819156/2-A

Matrix: Water

Analysis Batch: 819435

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: LCS 500-819156/2-A

Matrix: Water

Analysis Batch: 819629

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 MS

Matrix: Water

Analysis Batch: 819435

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-12 MS

Matrix: Water

Analysis Batch: 819435

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 MS

Matrix: Water

Analysis Batch: 819629

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 MSD

Matrix: Water

Analysis Batch: 819435

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 MSD

Matrix: Water

Analysis Batch: 819629

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 DU

Matrix: Water

Analysis Batch: 819435

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-12 DU

Matrix: Water

Analysis Batch: 819435

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Lab Sample ID: 500-268590-12 DU

Matrix: Water

Analysis Batch: 819629

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 819156

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

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-819295/12-A

Matrix: Water

Analysis Batch: 819497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 819295

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

Lab Sample ID: LCS 500-819295/13-A

Matrix: Water

Analysis Batch: 819497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 819295

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

Lab Sample ID: 500-268590-10 MS

Matrix: Water

Analysis Batch: 819497

Client Sample ID: Duplicate 2

Prep Type: Total/NA

Prep Batch: 819295

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

Lab Sample ID: 500-268590-10 MSD

Matrix: Water

Analysis Batch: 819497

Client Sample ID: Duplicate 2

Prep Type: Total/NA

Prep Batch: 819295

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

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-10 DU

Matrix: Water

Analysis Batch: 819497

Client Sample ID: Duplicate 2

Prep Type: Total/NA

Prep Batch: 819295

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

Lab Sample ID: MB 500-819518/12-A

Matrix: Water

Analysis Batch: 819696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 819518

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

Lab Sample ID: LCS 500-819518/13-A

Matrix: Water

Analysis Batch: 819696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 819518

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

Lab Sample ID: 500-268590-22 MS

Matrix: Water

Analysis Batch: 819696

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 819518

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

Lab Sample ID: 500-268590-22 MSD

Matrix: Water

Analysis Batch: 819696

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 819518

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

Lab Sample ID: 500-268590-22 DU

Matrix: Water

Analysis Batch: 819696

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 819518

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

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

Lab Sample ID: MB 500-818808/1

Matrix: Water

Analysis Batch: 818808

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/23/25 07:17	1

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: LCS 500-818808/2

Matrix: Water

Analysis Batch: 818808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-4 DU

Matrix: Water

Analysis Batch: 818808

Client Sample ID: MW-09

Prep Type: Total/NA

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

Lab Sample ID: MB 500-818989/1

Matrix: Water

Analysis Batch: 818989

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/27/25 00:48	1

Lab Sample ID: LCS 500-818989/2

Matrix: Water

Analysis Batch: 818989

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-818991/1

Matrix: Water

Analysis Batch: 818991

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/27/25 02:33	1

Lab Sample ID: LCS 500-818991/2

Matrix: Water

Analysis Batch: 818991

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-819186/1

Matrix: Water

Analysis Batch: 819186

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/27/25 23:19	1

Lab Sample ID: LCS 500-819186/2

Matrix: Water

Analysis Batch: 819186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 500-268590-1

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

Lab Sample ID: 500-268590-17 MS

Matrix: Water

Analysis Batch: 819186

Client Sample ID: MW-01

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-17 DU

Matrix: Water

Analysis Batch: 819186

Client Sample ID: MW-01

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-18 DU

Matrix: Water

Analysis Batch: 819186

Client Sample ID: MW-10

Prep Type: Total/NA

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

Lab Sample ID: MB 500-819385/1

Matrix: Water

Analysis Batch: 819385

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/29/25 00:11	1

Lab Sample ID: LCS 500-819385/2

Matrix: Water

Analysis Batch: 819385

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-22 MS

Matrix: Water

Analysis Batch: 819385

Client Sample ID: MW-19

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-22 DU

Matrix: Water

Analysis Batch: 819385

Client Sample ID: MW-19

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-23 DU

Matrix: Water

Analysis Batch: 819385

Client Sample ID: MW-21D

Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-819321/67

Matrix: Water

Analysis Batch: 819321

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-819321/68

Matrix: Water

Analysis Batch: 819321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-15 MS

Matrix: Water

Analysis Batch: 819321

Client Sample ID: MW-15

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-15 MSD

Matrix: Water

Analysis Batch: 819321

Client Sample ID: MW-15

Prep Type: Total/NA

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

Lab Sample ID: MB 500-819787/16

Matrix: Water

Analysis Batch: 819787

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-819787/17

Matrix: Water

Analysis Batch: 819787

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-818591/31

Matrix: Water

Analysis Batch: 818591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/21/25 11:47	1

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QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-818591/32

Matrix: Water

Analysis Batch: 818591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-819484/3

Matrix: Water

Analysis Batch: 819484

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/29/25 07:01	1

Lab Sample ID: MB 500-819484/31

Matrix: Water

Analysis Batch: 819484

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/29/25 08:41	1

Lab Sample ID: LCS 500-819484/32

Matrix: Water

Analysis Batch: 819484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.88		mg/L		99	90 - 119

Lab Sample ID: LCS 500-819484/4

Matrix: Water

Analysis Batch: 819484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.54		mg/L		95	90 - 119

Lab Sample ID: MB 500-819713/3

Matrix: Water

Analysis Batch: 819713

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/30/25 11:29	1

Lab Sample ID: LCS 500-819713/4

Matrix: Water

Analysis Batch: 819713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

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QC Sample Results

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

Job ID: 500-268590-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-820136/16

Matrix: Water

Analysis Batch: 820136

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: MB 500-820136/67

Matrix: Water

Analysis Batch: 820136

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-820136/17

Matrix: Water

Analysis Batch: 820136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: LCS 500-820136/68

Matrix: Water

Analysis Batch: 820136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-20 MS

Matrix: Water

Analysis Batch: 820136

Client Sample ID: MW-18

Prep Type: Total/NA

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

Lab Sample ID: 500-268590-20 MSD

Matrix: Water

Analysis Batch: 820136

Client Sample ID: MW-18

Prep Type: Total/NA

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

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environmental Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136156-49657.2											
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: <u>1 of 1</u>											
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested															
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:		<table border="1"><tr><td rowspan="4">Field Filtered Sample (Yes or No)</td><td rowspan="4">Perform MS/MSB (Yes or No)</td><td rowspan="4">903.0, 904.0</td><td rowspan="4">6020A, 7470A</td><td rowspan="4">2540C, 4500_F_C, SM4500_C1_E</td><td rowspan="4">SM4500_SO4_E - Sulfate</td><td rowspan="4">Total Number of Containers</td></tr><tr></tr><tr></tr><tr></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSB (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_C1_E	SM4500_SO4_E - Sulfate	Total Number of Containers			
Field Filtered Sample (Yes or No)	Perform MS/MSB (Yes or No)	903.0, 904.0	6020A, 7470A														2540C, 4500_F_C, SM4500_C1_E	SM4500_SO4_E - Sulfate	Total Number of Containers
City: Brookfield		TAT Requested (days): <u>Standard</u>																	
State, Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No																	
Phone: 262-781-0475(Tel)		PO #: 4502190231		Preservation Codes: D - HNO3 N - None <u>500-268590</u>															
Email: kaelyns@kprginc.com		WO #:																	
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 50011612																	
Site: <u>Powerton Station</u>		SSOW#:		Job #: <u>12313.1</u>															
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, G=wastefoil, BT=Tissue, A=Air)					Special Instructions/Note:									
						Preservation Code:	X	X	D	D	N	N							
13	MW-12R	5/21/2025	0927	G	Water		N	N	X	X	X	X							
14	MW-14	5/21/2025	1158	G	Water														
15	MW-15	5/21/2025	1100	G	Water														
16	MW-16	5/21/2025	1310	G	Water														
17	~~MW-17~~ MW-01	5/21/2025	0822	G	Water														
18	~~MW-18~~ MW-10	5/20/2025	1402	G	Water		N	N	X	X	X	X							
	~~MW-18A~~				Water														
	~~MW-19~~				Water														
	~~MW-21D~~				Water														
	~~MW-22~~				Water														
	~~Duplicate 1~~				Water														
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)													
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months													
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:													
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:												
Relinquished by: <u>Jack Misner</u>			Date/Time: <u>5/21/2025 1615</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>5/21/2025 1615</u>		Company: <u>FedEx</u>								
Relinquished by:			Date/Time:		Company:		Received by: <u>Shirley Smith</u>		Date/Time: <u>5/22/25 0915</u>		Company: <u>ETN</u>								
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:								
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>0.5 → 1.1, 1.8 → 2.4</u>															

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record

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Client Information		Sampler <u>Sack Miser</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-136156-49657 1					
Client Contact Kaelyn Sperle		Phone <u>262-622-1143</u>		E Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page Page 1 of 1					
Company KPRG and Associates, Inc.		PWSID		Analysis Requested									
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-268590 COC									
City Brookfield		TAT Requested (days): <u>Standard</u>											
State Zip: WI, 53005		Compliance Project: ☐ Yes ☒ No											
Phone 262-781-0475(Tel)		PO #: 4502190231											
Email kaelyns@kprginc.com		WO #											
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project # 50011612		Total Number of containers									
Site <u>Powerton Station</u>		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=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	500-268590 COC	Other
~~MW-01~~					Water								
~~MW-02~~					Water								
~~MW-03~~					Water								
~~MW-04~~					Water								
~~MW-05~~					Water								
1 MW-06		5/19/2025	1300	G	Water	N	N	X	X	X	X		
2 MW-07			1156		Water								
3 MW-08			1109		Water								
4 MW-09		5/19/2025	1447	G	Water	N	N	X	X	X	X		
~~MW-10~~					Water								
~~MW-11~~					Water								
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by:		Date		Time		Method of Shipment:							
Relinquished by <u>Sack Miser</u>		Date/Time 5/19/2025 1620		Company KPRG		Received by FedEx		Date/Time 5/19/2025 1620		Company FedEx			
Relinquished by		Date/Time		Company		Received by Stephanie Hernandez		Date/Time 5/20/25 0920		Company EEH			
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Custody Seals Intact ☐ Yes ☒ No		Custody Seal No				Cooler Temperature(s) °C and Other Remarks 3.4 + 3.7							

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Tinley Park IL 60487

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

Chain of Custody Record

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Client Information		Sampler <u>Jack Misner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-136156-49657 1			
Client Contact Kaelyn Sperle		Phone <u>262-622-1143</u>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page Page 1 of 1			
Company KPRG and Associates, Inc.		PWSID		Analysis Requested						Job # <u>12313.1</u>	
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE SM4500_SO4_E - Sulfate Total Number of Containers						Preservation Codes D - HNO3 N - None <u>500-268590</u>	
City Brookfield		TAT Requested (days): <u>Standard</u>								Other	
State Zip WI, 53005		Compliance Project. ☐ Yes ☐ No									
Phone 262-781-0475(Tel)		PO #: 4502190231									
Email kaelyns@kprginc.com		WO #									
Project Name Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project # 50011612									
Site <u>Powerton Station</u>		SSOW#									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:	
~~MW-01~~								Water			
MW-02		5/20/25		0820		G		Water			
MW-03		5/20/25		0911		G		Water			
MW-04		5/20/25		1005		G		Water			
MW-05		5/20/25		1105		G		Water			
~~MW-06~~ Duplicate 1		5/20/25		-		G		Water			
~~MW-07~~ Duplicate 2		5/20/25		-		G		Water			
~~MW-08~~ Duplicate 3		5/20/25		-		G		Water			
~~MW-09~~								Water			
~~MW-10~~		~~5/20/25~~		~~1106~~		~~G~~		Water		N. MW-10	
MW-11		5/20/25		1227		G		Water			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements	
Empty Kit Relinquished by		Date		Time		Method of Shipment					
Relinquished by <u>Jack Misner</u>		Date/Time 5/20/25 1645		Company KPRG		Received by <u>FedEx</u>		Date/Time 5/20/25 1645		Company FedEx	
Relinquished by		Date/Time		Company		Received by <u>Phu</u>		Date/Time 5/24/25 0920		Company <u>BBN</u>	
Relinquished by		Date/Time		Company		Received by		Date/Time		Company	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>5.4-7.3, 3.8-7.4</u>							

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19
20
21
22
23
24

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

ALW - 251
CAD. 0780307



500-268590 Waybi

TO SAMPLE RECEIPT

EUROFINS

18410 CROSSING DRIVE

SUITE E

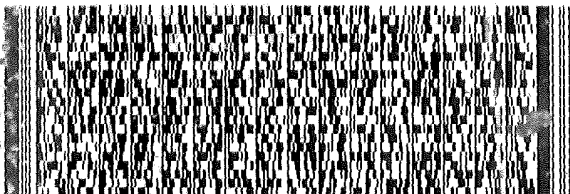
TINLEY PARK IL 60487

(708) 634-6200

REF:

DEPT:

3MA 111111



FedEx



RETURNS MON

Ex

4561 8681 7845

TUE - 20 MAY 10

PRIORITY OVERNIGHT

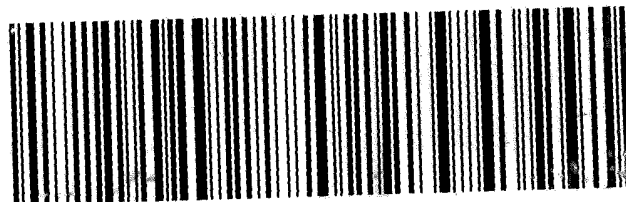
JP JOTA

4891

6048

IL-US

OR



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

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part 159469-434 MTV EXP 09/25 **
UC34/0037-1J885

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

(708) 634-6200

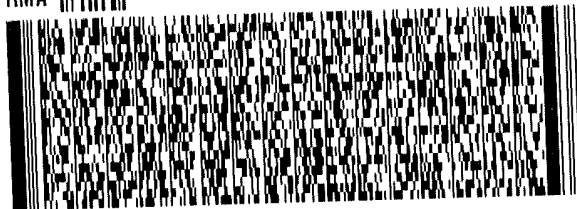
REF:

DEPT:

INV:

PO:

RMA: ||| |||||



FedEx
Express



AN 1090/0020372R

FedEx

TRK#
0221

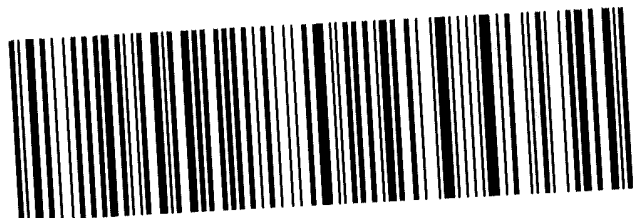
4561 8681 7271

XP JOTA

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



EXP 11/25

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

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part # 1-9469-434 MTV N FXP 09/25 **
UC34/0037-1J885

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

(708) 634-6200

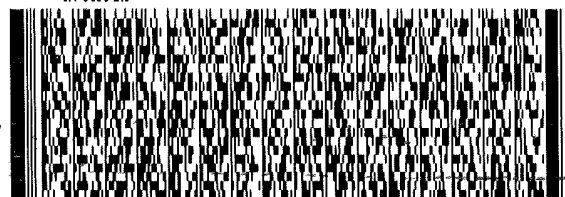
REF:

DEPT:

INV:

PO:

RMA: ||| |||||



FedEx
Express



AN 1090/0020372R

FedEx

TRK#
0221

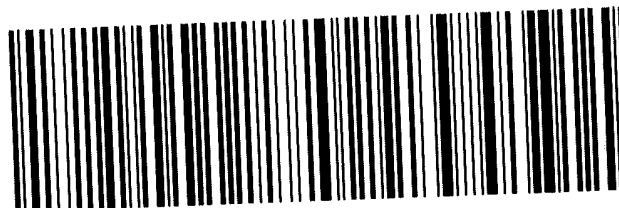
4561 8681 7260

XP JOTA

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



58614/EA36/59F2



500-268590 Waybi

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-1

Login Number: 268590

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	3.7,5.7,4.1,1.1,2.4,0.9,1.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 500-268590-1

Client Sample ID: MW-06

Date Collected: 05/19/25 13:00

Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-1

Matrix: Water

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

Client Sample ID: MW-07

Date Collected: 05/19/25 11:56

Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-2

Matrix: Water

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

Client Sample ID: MW-08

Date Collected: 05/19/25 11:09

Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-3

Matrix: Water

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

Client Sample ID: MW-09

Date Collected: 05/19/25 14:47

Date Received: 05/20/25 09:20

Lab Sample ID: 500-268590-4

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

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

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

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

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

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

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-04

Date Collected: 05/20/25 10:05

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-7

Matrix: Water

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

Client Sample ID: MW-05

Date Collected: 05/20/25 11:05

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-8

Matrix: Water

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

Client Sample ID: Duplicate 1

Date Collected: 05/20/25 00:00

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-9

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: Duplicate 2

Date Collected: 05/20/25 00:00

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-10

Matrix: Water

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

Client Sample ID: Duplicate 3

Date Collected: 05/20/25 00:00

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-11

Matrix: Water

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

Client Sample ID: MW-11

Date Collected: 05/20/25 12:27

Date Received: 05/21/25 09:20

Lab Sample ID: 500-268590-12

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-12R

Date Collected: 05/21/25 09:27

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-13

Matrix: Water

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

Client Sample ID: MW-14

Date Collected: 05/21/25 11:58

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-14

Matrix: Water

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

Client Sample ID: MW-15

Date Collected: 05/21/25 11:00

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-15

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-16

Date Collected: 05/21/25 13:10

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-16

Matrix: Water

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

Client Sample ID: MW-01

Date Collected: 05/21/25 08:22

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-17

Matrix: Water

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

Client Sample ID: MW-10

Date Collected: 05/20/25 14:02

Date Received: 05/22/25 09:15

Lab Sample ID: 500-268590-18

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-17

Date Collected: 05/22/25 12:25

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-19

Matrix: Water

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

Client Sample ID: MW-18

Date Collected: 05/22/25 08:49

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-20

Matrix: Water

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

Client Sample ID: MW-18A

Date Collected: 05/22/25 09:25

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-21

Matrix: Water

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

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-268590-1

Client Sample ID: MW-19

Date Collected: 05/22/25 11:17

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-22

Matrix: Water

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

Client Sample ID: MW-21D

Date Collected: 05/22/25 10:28

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-23

Matrix: Water

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

Client Sample ID: MW-22

Date Collected: 05/22/25 11:52

Date Received: 05/23/25 09:40

Lab Sample ID: 500-268590-24

Matrix: Water

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

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

Laboratory References:

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

Eurofins Chicago

Accreditation/Certification Summary

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

Job ID: 500-268590-1

Laboratory: Eurofins Chicago

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

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

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

JOB DESCRIPTION

Powerton CCR (RAD)

JOB NUMBER

500-268590-2

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
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Case Narrative

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

Job ID: 500-268590-2

Job ID: 500-268590-2

Eurofins Chicago

Job Narrative 500-268590-2

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

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

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

Receipt

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

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 719562

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

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

Rad

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

Eurofins Chicago

Method Summary

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

Job ID: 500-268590-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-268590-2

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

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-06

Lab Sample ID: 500-268590-1

Date Collected: 05/19/25 13:00

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.189	0.190	1.00	0.328	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:17	06/24/25 20:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.177	U	0.405	0.406	1.00	0.706	pCi/L	05/28/25 08:19	06/24/25 12:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:19	06/24/25 12:15	1
Y Carrier	75.5		30 - 110					05/28/25 08:19	06/24/25 12:15	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.296	U	0.447	0.448	5.00	0.706	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

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

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.527	U	0.746	0.748	5.00	1.09	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.296	U	0.352	0.353	1.00	0.580	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	76.3		30 - 110					05/28/25 08:19	06/24/25 12:17	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.406	U	0.405	0.406	5.00	0.580	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.149	U	0.357	0.357	1.00	0.627	pCi/L	05/28/25 08:19	06/24/25 12:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					05/28/25 08:19	06/24/25 12:15	1
Y Carrier	75.9		30 - 110					05/28/25 08:19	06/24/25 12:15	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0760	U	0.392	0.392	5.00	0.627	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0128	U	0.127	0.127	1.00	0.280	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/28/25 08:17	06/24/25 20:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.204	U	0.321	0.322	1.00	0.545	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	85.6		30 - 110					05/28/25 08:19	06/24/25 12:17	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.191	U	0.345	0.346	5.00	0.545	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0345	U	0.135	0.135	1.00	0.267	pCi/L	05/28/25 08:17	06/24/25 20:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/28/25 08:17	06/24/25 20:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0924	U	0.278	0.279	1.00	0.548	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	84.5		30 - 110					05/28/25 08:19	06/24/25 12:17	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0579	U	0.309	0.310	5.00	0.548	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.535	U	0.362	0.365	1.00	0.542	pCi/L	05/28/25 08:19	06/24/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:19	06/24/25 12:17	1
Y Carrier	83.0		30 - 110					05/28/25 08:19	06/24/25 12:17	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.557		0.386	0.388	5.00	0.542	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0178	U	0.310	0.310	1.00	0.581	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	85.6		30 - 110					05/28/25 08:19	06/24/25 12:18	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0785	U	0.352	0.352	5.00	0.581	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0841	U	0.150	0.151	1.00	0.268	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0319	U	0.395	0.395	1.00	0.736	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.5		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	86.4		30 - 110					05/28/25 08:19	06/24/25 13:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0522	U	0.423	0.423	5.00	0.736	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.172	U	0.191	0.191	1.00	0.306	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.372	U	0.409	0.410	1.00	0.667	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.5		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	83.7		30 - 110					05/28/25 08:19	06/24/25 13:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.544	U	0.451	0.452	5.00	0.667	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.236	U	0.269	0.270	1.00	0.440	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.527	U	0.461	0.463	1.00	0.728	pCi/L	05/28/25 08:19	06/24/25 13:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:19	06/24/25 13:28	1
Y Carrier	89.3		30 - 110					05/28/25 08:19	06/24/25 13:28	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.763		0.534	0.536	5.00	0.728	pCi/L		06/25/25 12:38	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-11

Lab Sample ID: 500-268590-12

Date Collected: 05/20/25 12:27

Matrix: Water

Date Received: 05/21/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.862		0.498	0.504	1.00	0.726	pCi/L	05/28/25 08:19	06/24/25 13:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					05/28/25 08:19	06/24/25 13:30	1
Y Carrier	90.8		30 - 110					05/28/25 08:19	06/24/25 13:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.02		0.564	0.569	5.00	0.726	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.628	U	0.310	0.315	1.00	0.736	pCi/L	05/28/25 08:19	06/24/25 13:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/28/25 08:19	06/24/25 13:12	1
Y Carrier	93.5		30 - 110					05/28/25 08:19	06/24/25 13:12	1

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

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

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-14

Lab Sample ID: 500-268590-14

Date Collected: 05/21/25 11:58

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.216	U	0.350	0.350	1.00	0.596	pCi/L	05/28/25 08:19	06/24/25 13:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/28/25 08:19	06/24/25 13:12	1
Y Carrier	91.2		30 - 110					05/28/25 08:19	06/24/25 13:12	1

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

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

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-15

Lab Sample ID: 500-268590-15

Date Collected: 05/21/25 11:00

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.135	U	0.176	0.176	1.00	0.293	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.520	U	0.472	0.474	1.00	0.751	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	89.3		30 - 110					05/28/25 08:19	06/24/25 13:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.655	U	0.504	0.506	5.00	0.751	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-16

Lab Sample ID: 500-268590-16

Date Collected: 05/21/25 13:10

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00601	U	0.472	0.472	1.00	0.865	pCi/L	05/28/25 08:19	06/24/25 13:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/28/25 08:19	06/24/25 13:29	1
Y Carrier	82.6		30 - 110					05/28/25 08:19	06/24/25 13:29	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0213	U	0.508	0.508	5.00	0.865	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.528	U	0.455	0.457	1.00	0.720	pCi/L	05/28/25 08:19	06/24/25 13:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.3		30 - 110					05/28/25 08:19	06/24/25 13:30	1
Y Carrier	88.6		30 - 110					05/28/25 08:19	06/24/25 13:30	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.770		0.499	0.501	5.00	0.720	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.272	U	0.282	0.283	1.00	0.451	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	107		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.345	0.346	1.00	0.565	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	107		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	87.9		30 - 110					05/28/25 08:19	06/24/25 12:18	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.575		0.446	0.447	5.00	0.565	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.286	U	0.234	0.236	1.00	0.345	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.125	U	0.310	0.311	1.00	0.549	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	91.2		30 - 110					05/28/25 08:19	06/24/25 12:18	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.411	U	0.388	0.390	5.00	0.549	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.724		0.377	0.383	1.00	0.460	pCi/L	05/28/25 08:17	06/24/25 20:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/28/25 08:17	06/24/25 20:26	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.575	U	0.611	0.613	1.00	0.993	pCi/L	05/28/25 08:19	06/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					05/28/25 08:19	06/24/25 12:18	1
Y Carrier	75.9		30 - 110					05/28/25 08:19	06/24/25 12:18	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.30		0.718	0.723	5.00	0.993	pCi/L		06/25/25 13:05	1

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.537	U	0.363	0.366	1.00	0.544	pCi/L	05/30/25 07:58	06/22/25 10:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					05/30/25 07:58	06/22/25 10:53	1
Y Carrier	78.9		30 - 110					05/30/25 07:58	06/22/25 10:53	1

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

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

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0220	U	0.383	0.383	1.00	0.717	pCi/L	05/30/25 07:58	06/22/25 10:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					05/30/25 07:58	06/22/25 10:54	1
Y Carrier	72.5		30 - 110					05/30/25 07:58	06/22/25 10:54	1

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

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

Client Sample Results

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

Job ID: 500-268590-2

Client Sample ID: MW-22

Lab Sample ID: 500-268590-24

Date Collected: 05/22/25 11:52

Matrix: Water

Date Received: 05/23/25 09:40

Method: EPA 903.0 - Radium-226 (GFPC)

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

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.411	U	0.348	0.351	1.00	0.543	pCi/L	05/30/25 07:58	06/22/25 10:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					05/30/25 07:58	06/22/25 10:54	1
Y Carrier	80.0		30 - 110					05/30/25 07:58	06/22/25 10:54	1

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

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

Definitions/Glossary

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

Job ID: 500-268590-2

Qualifiers

Rad

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

Glossary

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

QC Association Summary

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

Job ID: 500-268590-2

Rad

Prep Batch: 719558

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

Prep Batch: 719562

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

QC Association Summary

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

Job ID: 500-268590-2

Rad

Prep Batch: 720084

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

Prep Batch: 720089

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

QC Sample Results

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

Job ID: 500-268590-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-719558/1-A

Matrix: Water

Analysis Batch: 724136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 719558

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

Lab Sample ID: LCS 160-719558/2-A

Matrix: Water

Analysis Batch: 724136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 719558

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

Lab Sample ID: 500-268590-4 DU

Matrix: Water

Analysis Batch: 724136

Client Sample ID: MW-09

Prep Type: Total/NA

Prep Batch: 719558

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

Lab Sample ID: MB 160-720084/1-A

Matrix: Water

Analysis Batch: 723862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 720084

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

Lab Sample ID: LCS 160-720084/2-A

Matrix: Water

Analysis Batch: 723862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 720084

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

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QC Sample Results

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

Job ID: 500-268590-2

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

Lab Sample ID: LCS 160-720084/2-A

Matrix: Water

Analysis Batch: 723862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 720084

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

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-719562/1-A

Matrix: Water

Analysis Batch: 724118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 719562

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.08257	U	0.263	0.263	1.00	0.528	pCi/L	05/28/25 08:19	06/24/25 12:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/28/25 08:19	06/24/25 12:15	1
Y Carrier	80.7		30 - 110					05/28/25 08:19	06/24/25 12:15	1

Lab Sample ID: LCS 160-719562/2-A

Matrix: Water

Analysis Batch: 724118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 719562

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.32	9.709		1.39	1.00	0.653	pCi/L	104	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	83.1		30 - 110						
Y Carrier	77.8		30 - 110						

Lab Sample ID: 500-268590-4 DU

Matrix: Water

Analysis Batch: 724118

Client Sample ID: MW-09

Prep Type: Total/NA

Prep Batch: 719562

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.149	U	0.5329	U	0.376	1.00	0.562	pCi/L	0.52	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	88.1		30 - 110							
Y Carrier	81.9		30 - 110							

Lab Sample ID: MB 160-720089/1-A

Matrix: Water

Analysis Batch: 723691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 720089

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

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QC Sample Results

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

Job ID: 500-268590-2

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

Lab Sample ID: MB 160-720089/1-A

Matrix: Water

Analysis Batch: 723691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 720089

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	91.3		30 - 110
Y Carrier	78.5		30 - 110

Prepared	Analyzed	Dil Fac
05/30/25 07:58	06/22/25 10:49	1
05/30/25 07:58	06/22/25 10:49	1

Lab Sample ID: LCS 160-720089/2-A

Matrix: Water

Analysis Batch: 723691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 720089

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.33	11.36		1.53	1.00	0.639	pCi/L	122	75 - 125

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

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone: 708-634-5200 Fax: 708-534-5211

Chain of Custody Record



EUROFINS LABORATORIES

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136156-49657.1					
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: Page 1 of 1					
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested									
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:											
City: Brookfield		TAT Requested (days): <u>Standard</u>											
State, Zip: WI, 53005		Compliance Project: ☐ Yes ☒ No											
Phone: 262-781-0475 (Tel)		PO #: 4502190231											
Email: kaelyns@kprginc.com		WO #:		500-268590 COC									
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 60011612											
Site: <u>Powerton Station</u>		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	Other:
													Preservation Codes: D - HNO3 N - None
													Special Instructions/Note:
MW-01					Water								
MW-02					Water								
MW-03					Water								
MW-04					Water								
MW-05					Water								
MW-06		5/19/2025	1300	G	Water	N	N	X	X	X	X	7	
MW-07			1150		Water								
MW-08			1109		Water								
MW-09		5/19/2025	1447	G	Water	N	N	X	X	X	X	7	
MW-10					Water								
MW-11					Water								
Possible Hazard Identification													
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological													
Deliverable Requested: I, II, III, IV, Other (specify)													
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:													
Empty Kit Relinquished by:													
Date:													
Time:													
Method of Shipment:													
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>5/19/2025 1620</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>5/19/2025 1620</u>		Company: <u>FedEx</u>			
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hernandez</u>		Date/Time: <u>5/20/25 0910</u>		Company: <u>EEH</u>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>3.4 + 3.7</u>									

Ver: 10/10/2624/25/2025

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Ver: 10/10/2024
6/25/2025

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record

eurofins

Client Information		Sampler <u>Sack Miser</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-136156-49657 1					
Client Contact Kaelyn Sperle		Phone <u>262-622-1143</u>		E Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page Page 1 of 1					
Company KPRG and Associates, Inc.		PWSID		Analysis Requested						Job # <u>500-2168590</u>			
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-268590 COC						Preservation Codes D - HNO3 N - None			
City Brookfield		TAT Requested (days): <u>Standard</u>											
State Zip: WI, 53005		Compliance Project: ☐ Yes ☒ No											
Phone 262-781-0475(Tel)		PO #: 4502190231											
Email kaelyns@kprginc.com		WO #											
Project Name Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project # 50011612		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F.C, SM4500_CLE SM4500_SO4_E - Sulfate						Other			
Site <u>Powerton Station</u>		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Total Number of Containers						Special Instructions/Note:	
				Preservation Code									
~~MW-01~~					Water								
~~MW-02~~					Water								
~~MW-03~~					Water								
~~MW-04~~					Water								
~~MW-05~~					Water								
1 MW-06		5/19/2025	1300	G	Water	N	N	X	X	X	X		
2 MW-07		↓	1156	↓	Water	↓	↓	↓	↓	↓	↓		
3 MW-08		↓	1109	↓	Water	↓	↓	↓	↓	↓	↓		
4 MW-09		5/19/2025	1447	G	Water	N	N	X	X	X	X		
~~MW-10~~					Water								
~~MW-11~~					Water								
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by:		Date		Time		Method of Shipment:							
Relinquished by <u>Sack Miser</u>		Date/Time 5/19/2025 1620		Company KPRG		Received by <u>FedEx</u>		Date/Time 5/19/2025 1620		Company FedEx			
Relinquished by		Date/Time		Company		Received by <u>Stephanie Hernandez</u>		Date/Time 5/20/25 0920		Company EEH			
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Custody Seals Intact ☐ Yes ☒ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>3.4 + 3.7</u>									

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

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

Chain of Custody Record

eurofins

Client Information		Sampler <u>Jack Misner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-136156-49657 1			
Client Contact Kaelyn Sperle		Phone <u>262-622-1143</u>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page Page 1 of 1			
Company KPRG and Associates, Inc.		PWSID		Analysis Requested						Job # <u>12313.1</u>	
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE SM4500_SO4_E - Sulfate Total Number of Containers						Preservation Codes D - HNO3 N - None <u>500-268590</u>	
City Brookfield		TAT Requested (days): <u>Standard</u>								Other	
State Zip WI, 53005		Compliance Project. ☐ Yes ☐ No									
Phone 262-781-0475(Tel)		PO #: 4502190231									
Email kaelyns@kprginc.com		WO #									
Project Name Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project # 50011612									
Site <u>Powerton Station</u>		SSOW#									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:	
~~MW-01~~								Water			
MW-02		5/20/25		0820		G		Water			
MW-03		5/20/25		0911		G		Water			
MW-04		5/20/25		1005		G		Water			
MW-05		5/20/25		1105		G		Water			
~~MW-06~~ Duplicate 1		5/20/25		-		G		Water			
~~MW-07~~ Duplicate 2		5/20/25		-		G		Water			
~~MW-08~~ Duplicate 3		5/20/25		-		G		Water			
~~MW-09~~								Water			
~~MW-10~~		~~5/20/25~~		~~1106~~		~~G~~		Water		N. MW-10	
MW-11		5/20/25		1227		G		Water			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements	
Empty Kit Relinquished by		Date		Time		Method of Shipment					
Relinquished by <u>Jack Misner</u>		Date/Time <u>5/20/2025 1645</u>		Company <u>KPRG</u>		Received by <u>FedEx</u>		Date/Time <u>5/20/2025 1645</u>		Company <u>FedEx</u>	
Relinquished by		Date/Time		Company		Received by <u>Phu</u>		Date/Time <u>5/24/25 0920</u>		Company <u>KPRG</u>	
Relinquished by		Date/Time		Company		Received by		Date/Time		Company	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>5.4-7.3, 3.8-7.1</u>							

Eurofins Chicago

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

Chain of Custody Record

eurofins

Client Information		Sampler <u>Jack Misner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-136156-49657 2															
Client Contact Kaelyn Sperle		Phone <u>262-622-1143</u>		E-Mail Diana.Mockler@et.eurofins.com		State of Origin <u>IL</u>		Page <u>1 of 1</u>															
Company KPRG and Associates, Inc		PWSID		Analysis Requested						Job #: <u>12313.1</u>													
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested.		 500-268590 COC						Preservation Codes: D HNO3 N - None <u>500-268590</u>													
City Brookfield		TAT Requested (days) <u>Standard</u>								Total Number of containers													
State, Zip: WI, 53005		Compliance Project ☐ Yes ☒ No																					
Phone 262-781-0475(Tel)		PO # 4502190231																					
Email kaelyns@kprginc.com		WVO #.																					
Project Name Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project # 50011612																					
Site <u>Powerton Station</u>		SSOW#.																					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers		Special Instructions/Note:							
MW-12R								Water															
MW-14								Water															
MW-15								Water															
MW-16								Water															
MW-17		5/22/2025		1225		G		Water		NN		XX		XX		7							
MW-18		5/22/2025		0849		G		Water		NN		XX		XX		7							
MW-18A		5/22/2025		0925		G		Water		NN		XX		XX		7							
MW-19		5/22/2025		1117		G		Water		NN		XX		XX		7							
MW-21D		5/22/2025		1028		G		Water		NN		XX		XX		7							
MW-22		5/22/2025		1152		G		Water		NN		XX		XX		7							
Duplicate 1								Water															
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months													
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements													
Empty Kit Relinquished by				Date				Time				Method of Shipment:											
Relinquished by <u>Jack Misner</u>				Date/Time <u>5/24/2025 1415</u>				Company <u>KPRG</u>				Received by <u>FedEx</u>				Date/Time <u>5/24/2025 1415</u>				Company <u>FedEx</u>			
Relinquished by				Date/Time				Company				Received by <u>Stephanie Hemondy</u>				Date/Time <u>5/23/25 0940</u>				Company <u>FEA</u>			
Relinquished by				Date/Time				Company				Received by				Date/Time				Company			
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>0.3+0.9, 1.5+1.8</u>																			

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

ALW - 251
CAD. 0780307



500-268590 Waybi

TO SAMPLE RECEIPT

EUROFINS

18410 CROSSING DRIVE

SUITE E

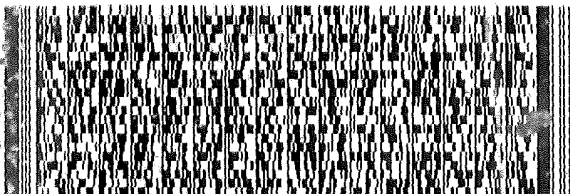
TINLEY PARK IL 60487

(708) 634-6200

REF:

DEPT:

3MA 111111



FedEx



RETURNS MON

Ex

4561 8681 7845

TUE - 20 MAY 10

PRIORITY OVERNIGHT

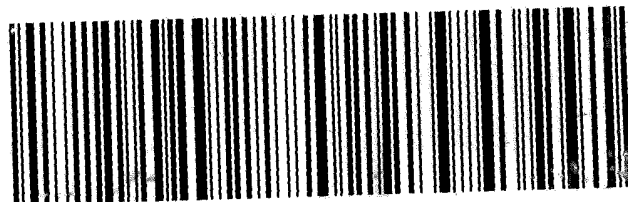
JP JOTA

4891

6048

IL-US

OR



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

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part 159469-434 MTV EXP 09/25 **
UC34/0037-1J885

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

(708) 634-6200

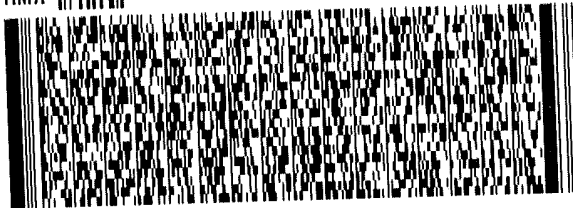
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DEPT:

INV:

PO:

RMA: ||| ||| |||



FedEx
Express



AN 1090/0020372R

FedEx

TRK#
0221

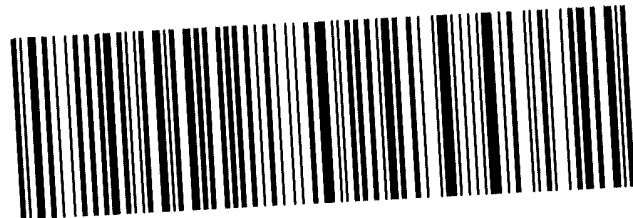
4561 8681 7271

XP JOTA

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



EXP 11/25

KHELYN SPERLE
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

Part # 1-9469-434 MTV N FXP 09/25 **
UC34/0037-1J885

TO **SAMPLE RECEIPT**
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

(708) 634-6200

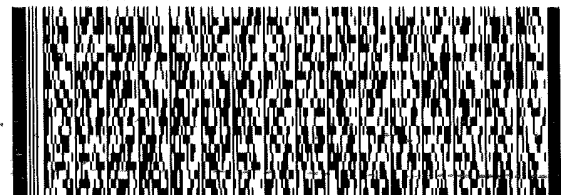
REF:

DEPT:

INV:

PO:

RMA: ||| ||| |||



FedEx
Express



AN 1090/0020372R

FedEx

TRK#
0221

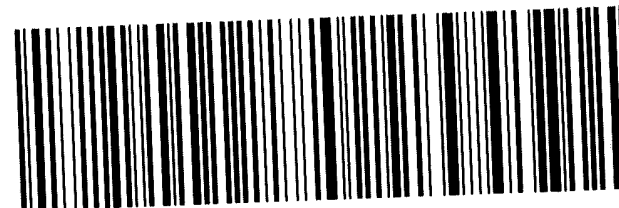
4561 8681 7260

XP JOTA

FRI - 23 MAY 10:30A
PRIORITY OVERNIGHT

60487

IL-US ORD



58614/EA36/59F2



500-268590 Waybi

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking Note(s): N/A	COC No: 500-200742.1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois			Job #: 500-268590-2
Address: 13715 Rider Trail North, Earth City, MO, 63045		Preservation Codes:			
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		Due Date Requested: 6/24/2025			
Email: N/A		TAT Requested (days): N/A			
Project Name: Powerton CCR (RAD)		PO #: N/A			
Site: N/A		WO #: N/A			
		Project #: 50011612			
		SSOW#: N/A			
		Matrix (W=Water, S=Soil, O=Organic, BT=Tissue, A=Air)			
		Sample Type (C=Comp, G=grab)			
		Sample Time			
		Sample Date			
		Field Filtered Sample (Yes or No)			
		Perform MS/MSD (Yes or No)			
		903.0/PrecSep_21 Standard Target List			
		904.0/PrecSep_0 Standard Target List			
		Ra226Ra228 GFC			
		Total Number of Containers			
		Special Instructions/Note:			
Sample Identification - Client ID (Lab ID)					
MW-02 (500-268590-5)	5/20/25	08:20 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-03 (500-268590-6)	5/20/25	09:11 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-04 (500-268590-7)	5/20/25	10:05 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-05 (500-268590-8)	5/20/25	11:05 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 1 (500-268590-9)	5/20/25	Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 2 (500-268590-10)	5/20/25	Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 3 (500-268590-11)	5/20/25	Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-11 (500-268590-12)	5/20/25	12:27 Central	G	Water	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/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					
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:					
Empty Kit Relinquished by:					
Date:					
Time:					
Relinquished by: <i>Ali</i>					
Date/Time: 5/21/25 1540					
Company: <i>M. Penette</i>					
Relinquished by: <i>Meadow Pinette</i>					
Date/Time:					
Company:					
Relinquished by:					
Date/Time:					
Company:					
Custody Seals Intact: ☐ Yes ☐ No					
Custody Seal No.:					
Cooler Temperature(s) °C and Other Remarks:					

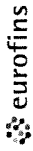
Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	QC No: 500-200921.1							
Client Contact:		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1							
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.			Job #: 500-268590-2							
Address: 13715 Rider Trail North,		Accreditations Required (See note): NELAP - Illinois			Preservation Codes:							
City: Earth City		Due Date Requested: 6/10/2025			Analysis Requested							
State, Zip: MO, 63045		TAT Requested (days): N/A										
Phone: 314-298-8566(Tel) 314-298-8757(Fax)												
Email: N/A												
Project Name: Powerton CCR (RAD)												
Site: N/A		Project #: 50011612			Total Number of containers							
		SSOW#: N/A										
		Matrix (W=water, S=solid, O=wastebait, BT=Tissue, AA=Air)										
		Sample Type (C=Comp, G=grab)										
		Sample Time										
Sample Date		Sample Time		Sample Date	Sample Time	Matrix	Field Filtered Sample (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_0 Standard Target List	Ra26Ra228_GFPc	Special Instructions/Note:	
MW-18 (500-268590-20)		5/22/25		08:49 Central		G		X		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
MW-18A (500-268590-21)		5/22/25		09:25 Central		G		X		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
MW-19 (500-268590-22)		5/22/25		11:17 Central		G		X		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
MW-21D (500-268590-23)		5/22/25		10:28 Central		G		X		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs		
MW-22 (500-268590-24)		5/22/25		11:52 Central		G		X		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: Method of Shipment:												
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:												
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:												
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:												
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:												

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268590-2

Login Number: 268590

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	3.7,5.7,4.1,1.1,2.4,0.9,1.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 500-268590-2

Login Number: 268590

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 05/21/25 10:26 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-268590-2

Login Number: 268590

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 05/22/25 11:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-268590-2

Login Number: 268590

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 05/23/25 12:15 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-268590-2

Login Number: 268590

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 05/27/25 12:16 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-268590-2

Client Sample ID: MW-06

Lab Sample ID: 500-268590-1

Date Collected: 05/19/25 13:00

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724118	SWS	EET SL	06/24/25 12:15
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-07

Lab Sample ID: 500-268590-2

Date Collected: 05/19/25 11:56

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-08

Lab Sample ID: 500-268590-3

Date Collected: 05/19/25 11:09

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-09

Lab Sample ID: 500-268590-4

Date Collected: 05/19/25 14:47

Matrix: Water

Date Received: 05/20/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724118	SWS	EET SL	06/24/25 12:15
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-02

Lab Sample ID: 500-268590-5

Date Collected: 05/20/25 08:20

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-03

Lab Sample ID: 500-268590-6

Date Collected: 05/20/25 09:11

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-04

Lab Sample ID: 500-268590-7

Date Collected: 05/20/25 10:05

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-05

Lab Sample ID: 500-268590-8

Date Collected: 05/20/25 11:05

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:25
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-268590-9

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: Duplicate 2

Lab Sample ID: 500-268590-10

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: Duplicate 3

Lab Sample ID: 500-268590-11

Date Collected: 05/20/25 00:00

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:28
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 12:38

Client Sample ID: MW-11

Lab Sample ID: 500-268590-12

Date Collected: 05/20/25 12:27

Matrix: Water

Date Received: 05/21/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724136	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:30
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-12R

Lab Sample ID: 500-268590-13

Date Collected: 05/21/25 09:27

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:12
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-14

Lab Sample ID: 500-268590-14

Date Collected: 05/21/25 11:58

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:12
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-15

Lab Sample ID: 500-268590-15

Date Collected: 05/21/25 11:00

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-16

Lab Sample ID: 500-268590-16

Date Collected: 05/21/25 13:10

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:29
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-01

Lab Sample ID: 500-268590-17

Date Collected: 05/21/25 08:22

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724125	FLC	EET SL	06/24/25 13:30
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-10

Lab Sample ID: 500-268590-18

Date Collected: 05/20/25 14:02

Matrix: Water

Date Received: 05/22/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-18

Lab Sample ID: 500-268590-20

Date Collected: 05/22/25 08:49

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-18A

Lab Sample ID: 500-268590-21

Date Collected: 05/22/25 09:25

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			719558	OGC	EET SL	05/28/25 08:17
Total/NA	Analysis	903.0		1	724135	SWS	EET SL	06/24/25 20:26
Total/NA	Prep	PrecSep_0			719562	OGC	EET SL	05/28/25 08:19
Total/NA	Analysis	904.0		1	724135	SWS	EET SL	06/24/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Client Sample ID: MW-19

Lab Sample ID: 500-268590-22

Date Collected: 05/22/25 11:17

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:21
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:53
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-21D

Lab Sample ID: 500-268590-23

Date Collected: 05/22/25 10:28

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:21
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:54
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Client Sample ID: MW-22

Lab Sample ID: 500-268590-24

Date Collected: 05/22/25 11:52

Matrix: Water

Date Received: 05/23/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			720084	OGC	EET SL	05/30/25 07:54
Total/NA	Analysis	903.0		1	723861	SWS	EET SL	06/23/25 07:22
Total/NA	Prep	PrecSep_0			720089	OGC	EET SL	05/30/25 07:58
Total/NA	Analysis	904.0		1	723690	SWS	EET SL	06/22/25 10:54
Total/NA	Analysis	Ra226_Ra228		1	724165	SCB	EET SL	06/25/25 13:05

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

- 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: 500-268590-2

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)						
500-268590-1	MW-06	87.1						
500-268590-2	MW-07	104						
500-268590-3	MW-08	92.0						
500-268590-4	MW-09	88.1						
500-268590-4 DU	MW-09	88.1						
500-268590-5	MW-02	92.8						
500-268590-6	MW-03	88.8						
500-268590-7	MW-04	92.3						
500-268590-8	MW-05	87.6						
500-268590-9	Duplicate 1	92.5						
500-268590-10	Duplicate 2	91.5						
500-268590-11	Duplicate 3	85.1						
500-268590-12	MW-11	84.3						
500-268590-13	MW-12R	87.1						
500-268590-14	MW-14	92.3						
500-268590-15	MW-15	84.6						
500-268590-16	MW-16	85.1						
500-268590-17	MW-01	93.3						
500-268590-18	MW-10	107						
500-268590-20	MW-18	78.4						
500-268590-21	MW-18A	76.4						
500-268590-22	MW-19	95.3						
500-268590-23	MW-21D	82.1						
500-268590-24	MW-22	90.0						
LCS 160-719558/2-A	Lab Control Sample	83.1						
LCS 160-720084/2-A	Lab Control Sample	88.8						
MB 160-719558/1-A	Method Blank	88.8						
MB 160-720084/1-A	Method Blank	91.3						
Tracer/Carrier Legend								
Ba = Ba Carrier								

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba	Y				
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
500-268590-1	MW-06	87.1	75.5				
500-268590-2	MW-07	104	75.9				
500-268590-3	MW-08	92.0	76.3				
500-268590-4	MW-09	88.1	75.9				
500-268590-4 DU	MW-09	88.1	81.9				
500-268590-5	MW-02	92.8	85.6				
500-268590-6	MW-03	88.8	84.5				
500-268590-7	MW-04	92.3	83.0				
500-268590-8	MW-05	87.6	85.6				
500-268590-9	Duplicate 1	92.5	86.4				
500-268590-10	Duplicate 2	91.5	83.7				
500-268590-11	Duplicate 3	85.1	89.3				

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (RAD)

Job ID: 500-268590-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-268590-12	MW-11	84.3	90.8
500-268590-13	MW-12R	87.1	93.5
500-268590-14	MW-14	92.3	91.2
500-268590-15	MW-15	84.6	89.3
500-268590-16	MW-16	85.1	82.6
500-268590-17	MW-01	93.3	88.6
500-268590-18	MW-10	107	87.9
500-268590-20	MW-18	78.4	91.2
500-268590-21	MW-18A	76.4	75.9
500-268590-22	MW-19	95.3	78.9
500-268590-23	MW-21D	82.1	72.5
500-268590-24	MW-22	90.0	80.0
LCS 160-719562/2-A	Lab Control Sample	83.1	77.8
LCS 160-720089/2-A	Lab Control Sample	88.8	75.9
MB 160-719562/1-A	Method Blank	88.8	80.7
MB 160-720089/1-A	Method Blank	91.3	78.5
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y Carrier			

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
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Brookfield, Wisconsin 53005

Generated 8/28/2025 3:53:01 PM

JOB DESCRIPTION

Powerton CCR

JOB NUMBER

500-272952-1

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR

Job ID: 500-272952-1

Job ID: 500-272952-1

Eurofins Chicago

Job Narrative 500-272952-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/12/2025 9:20 AM, 8/13/2025 9:10 AM, 8/14/2025 9:30 AM and 8/15/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6°C, 1.3°C, 1.8°C, 1.9°C, 2.2°C, 2.8°C, 2.9°C and 4.3°C.

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-18A (500-272952-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 500-830609 was outside control limits: Duplicate 3 (500-272952-11) and (500-272952-C-11 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: The method blank for analytical batch 500-830623 contained Total Dissolved Solids above the reporting limit (RL). Associated sample was not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 4500_F_C: The matrix spike (MS) recoveries for analytical batch 500-830541 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 4500_F_C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-830541 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-831378 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 Cl- E	Chloride, Total	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
SM 4500 SO4 E	Sulfate, Total	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272952-1	MW-21D	Water	08/11/25 14:16	08/12/25 09:20	Illinois
500-272952-2	MW-22	Water	08/11/25 13:39	08/12/25 09:20	Illinois
500-272952-3	MW-01	Water	08/12/25 14:39	08/13/25 09:10	Illinois
500-272952-4	MW-14	Water	08/12/25 10:39	08/13/25 09:10	Illinois
500-272952-5	MW-15	Water	08/12/25 12:23	08/13/25 09:10	Illinois
500-272952-6	MW-06	Water	08/12/25 09:44	08/13/25 09:10	Illinois
500-272952-7	MW-07	Water	08/12/25 08:44	08/13/25 09:10	Illinois
500-272952-8	MW-10	Water	08/12/25 13:36	08/13/25 09:10	Illinois
500-272952-9	Duplicate	Water	08/12/25 00:00	08/13/25 09:10	Illinois
500-272952-10	Duplicate 2	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-11	Duplicate 3	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-12	MW-05	Water	08/13/25 14:26	08/14/25 09:30	Illinois
500-272952-13	MW-04	Water	08/13/25 13:09	08/14/25 09:30	Illinois
500-272952-14	MW-03	Water	08/13/25 11:52	08/14/25 09:30	Illinois
500-272952-15	MW-02	Water	08/13/25 10:58	08/14/25 09:30	Illinois
500-272952-16	MW-11	Water	08/13/25 10:02	08/14/25 09:30	Illinois
500-272952-17	MW-12R	Water	08/13/25 08:37	08/14/25 09:30	Illinois
500-272952-18	MW-18A	Water	08/14/25 12:48	08/15/25 09:10	Illinois
500-272952-19	MW-18	Water	08/14/25 12:07	08/15/25 09:10	Illinois
500-272952-20	MW-16	Water	08/14/25 11:01	08/15/25 09:10	Illinois
500-272952-21	MW-08	Water	08/14/25 10:07	08/15/25 09:10	Illinois
500-272952-22	MW-09	Water	08/14/25 08:56	08/15/25 09:10	Illinois
500-272952-23	MW-19	Water	08/14/25 08:16	08/15/25 09:10	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:07	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Barium	0.067		0.0025		mg/L		08/14/25 13:44	08/22/25 12:07	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Boron	0.43		0.050		mg/L		08/14/25 13:44	08/25/25 13:16	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Calcium	76		0.20		mg/L		08/14/25 13:44	08/22/25 12:07	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:07	1
Molybdenum	0.028		0.0050		mg/L		08/14/25 13:44	08/22/25 12:07	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:07	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			08/14/25 07:01	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/17/25 12:02	5
Fluoride (SM 4500 F C)	0.76		0.10		mg/L			08/13/25 13:37	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			08/25/25 10:34	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:23	1
Arsenic	0.0013		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Barium	0.11		0.0025		mg/L		08/14/25 13:44	08/22/25 12:23	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Boron	3.3		0.050		mg/L		08/14/25 13:44	08/25/25 13:37	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Calcium	130		0.20		mg/L		08/14/25 13:44	08/22/25 12:23	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Cobalt	0.0025		0.0010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:23	1
Molybdenum	0.036		0.0050		mg/L		08/14/25 13:44	08/22/25 12:23	1
Selenium	0.011		0.0025		mg/L		08/14/25 13:44	08/22/25 12:23	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	690		10		mg/L			08/14/25 07:03	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			08/17/25 11:39	1
Fluoride (SM 4500 F C)	0.51		0.10		mg/L			08/13/25 13:39	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			08/25/25 10:34	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:26	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Barium	0.093		0.0025		mg/L		08/14/25 13:44	08/22/25 12:26	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Boron	1.4		0.050		mg/L		08/14/25 13:44	08/25/25 13:41	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Calcium	110		0.20		mg/L		08/14/25 13:44	08/22/25 12:26	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:26	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:26	1
Selenium	0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:26	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			08/14/25 07:06	1
Chloride (SM 4500 Cl- E)	52		4.0		mg/L			08/17/25 12:02	2
Fluoride (SM 4500 F C)	0.27	F1	0.10		mg/L			08/18/25 14:08	1
Sulfate (SM 4500 SO4 E)	51		10		mg/L			08/25/25 09:55	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:28	1
Arsenic	0.0017		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Barium	0.039		0.0025		mg/L		08/14/25 13:44	08/22/25 12:28	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Boron	2.4		0.050		mg/L		08/14/25 13:44	08/25/25 13:45	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Calcium	250		0.20		mg/L		08/14/25 13:44	08/22/25 12:28	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Lithium	0.023		0.010		mg/L		08/14/25 13:44	08/22/25 12:28	1
Molybdenum	0.035		0.0050		mg/L		08/14/25 13:44	08/22/25 12:28	1
Selenium	0.0046		0.0025		mg/L		08/14/25 13:44	08/22/25 12:28	1
Thallium	0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2900		10		mg/L			08/14/25 07:09	1
Chloride (SM 4500 Cl- E)	69		4.0		mg/L			08/17/25 12:03	2
Fluoride (SM 4500 F C)	2.0		0.10		mg/L			08/18/25 14:17	1
Sulfate (SM 4500 SO4 E)	1200		500		mg/L			08/25/25 10:45	100

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:30	1
Arsenic	0.0061		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Barium	0.069		0.0025		mg/L		08/14/25 13:44	08/22/25 12:30	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Boron	1.5		0.050		mg/L		08/14/25 13:44	08/25/25 13:49	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Calcium	180		0.20		mg/L		08/14/25 13:44	08/22/25 12:30	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Cobalt	0.0011		0.0010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Lithium	0.020		0.010		mg/L		08/14/25 13:44	08/22/25 12:30	1
Molybdenum	0.045		0.0050		mg/L		08/14/25 13:44	08/22/25 12:30	1
Selenium	0.010		0.0025		mg/L		08/14/25 13:44	08/22/25 12:30	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		10		mg/L			08/14/25 07:11	1
Chloride (SM 4500 Cl- E)	300		20		mg/L			08/17/25 12:03	10
Fluoride (SM 4500 F C)	0.77		0.10		mg/L			08/18/25 14:20	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			08/25/25 09:56	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:32	1
Arsenic	0.0042		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Barium	0.080		0.0025		mg/L		08/14/25 13:44	08/22/25 12:32	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Boron	0.42		0.050		mg/L		08/14/25 13:44	08/25/25 13:53	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Calcium	100		0.20		mg/L		08/14/25 13:44	08/22/25 12:32	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Lithium	0.011		0.010		mg/L		08/14/25 13:44	08/22/25 12:32	1
Molybdenum	0.013		0.0050		mg/L		08/14/25 13:44	08/22/25 12:32	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:32	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	940		10		mg/L			08/14/25 07:14	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			08/17/25 12:04	5
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			08/18/25 14:24	1
Sulfate (SM 4500 SO4 E)	220		25		mg/L			08/25/25 09:56	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:35	1
Arsenic	0.091		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Barium	0.48		0.0025		mg/L		08/14/25 13:44	08/22/25 12:35	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Boron	0.65		0.050		mg/L		08/14/25 13:44	08/25/25 14:06	1
Cadmium	0.00059		0.00050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Calcium	230		0.20		mg/L		08/14/25 13:44	08/22/25 12:35	1
Chromium	0.012		0.0050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Cobalt	0.014		0.0010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Lead	0.0072		0.00050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Lithium	0.012		0.010		mg/L		08/14/25 13:44	08/22/25 12:35	1
Molybdenum	0.011		0.0050		mg/L		08/14/25 13:44	08/22/25 12:35	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:35	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			08/14/25 07:16	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			08/17/25 12:02	5
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			08/18/25 14:28	1
Sulfate (SM 4500 SO4 E)	58		10		mg/L			08/25/25 09:56	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:37	1
Arsenic	0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Barium	0.24		0.0025		mg/L		08/14/25 13:44	08/22/25 12:37	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Boron	3.0		0.050		mg/L		08/14/25 13:44	08/25/25 14:11	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Calcium	120		0.20		mg/L		08/14/25 13:44	08/22/25 12:37	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Cobalt	0.0046		0.0010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Lead	0.00070		0.00050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:37	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:37	1
Selenium	0.0044		0.0025		mg/L		08/14/25 13:44	08/22/25 12:37	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	670		10		mg/L			08/14/25 07:19	1
Chloride (SM 4500 Cl- E)	73		4.0		mg/L			08/17/25 12:04	2
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			08/18/25 14:32	1
Sulfate (SM 4500 SO4 E)	67		10		mg/L			08/25/25 09:57	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:39	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Barium	0.23		0.0025		mg/L		08/14/25 13:44	08/22/25 12:39	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Boron	3.0		0.050		mg/L		08/14/25 13:44	08/25/25 14:15	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Calcium	120		0.20		mg/L		08/14/25 13:44	08/22/25 12:39	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Cobalt	0.0030		0.0010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:39	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:39	1
Selenium	0.0047		0.0025		mg/L		08/14/25 13:44	08/22/25 12:39	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			08/14/25 07:21	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			08/19/25 10:21	2
Fluoride (SM 4500 F C)	0.41		0.10		mg/L			08/18/25 14:46	1
Sulfate (SM 4500 SO4 E)	67		10		mg/L			08/25/25 09:58	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:15	1
Arsenic	0.012		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Barium	0.064		0.0025		mg/L		08/15/25 14:00	08/22/25 13:15	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Boron	0.43		0.050		mg/L		08/15/25 14:00	08/25/25 14:07	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Calcium	100		0.20		mg/L		08/15/25 14:00	08/22/25 13:15	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:15	1
Molybdenum	0.011		0.0050		mg/L		08/15/25 14:00	08/22/25 13:15	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:15	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	820		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:21	5
Fluoride (SM 4500 F C)	0.74		0.10		mg/L			08/18/25 14:52	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			08/25/25 09:58	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:26	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Barium	0.12		0.0025		mg/L		08/15/25 14:00	08/22/25 13:26	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Boron	0.19		0.050		mg/L		08/15/25 14:00	08/25/25 14:22	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Calcium	86		0.20		mg/L		08/15/25 14:00	08/22/25 13:26	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:26	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:26	1
Selenium	0.0055		0.0025		mg/L		08/15/25 14:00	08/22/25 13:26	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	86		10		mg/L			08/19/25 10:22	5
Fluoride (SM 4500 F C)	0.29		0.10		mg/L			08/18/25 14:55	1
Sulfate (SM 4500 SO4 E)	33		5.0		mg/L			08/25/25 09:22	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:29	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Barium	0.078		0.0025		mg/L		08/15/25 14:00	08/22/25 13:29	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Boron	3.0		0.050		mg/L		08/15/25 14:00	08/25/25 14:19	1
Cadmium	0.00063		0.00050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Calcium	130		0.20		mg/L		08/15/25 14:00	08/22/25 13:29	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:29	1
Molybdenum	0.0052		0.0050		mg/L		08/15/25 14:00	08/22/25 13:29	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:29	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	85		10		mg/L			08/19/25 10:22	5
Fluoride (SM 4500 F C)	0.39		0.10		mg/L			08/18/25 15:01	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			08/25/25 09:59	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:31	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Barium	0.077		0.0025		mg/L		08/15/25 14:00	08/22/25 13:31	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Boron	3.3		0.050		mg/L		08/15/25 14:00	08/25/25 14:31	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Calcium	120		0.20		mg/L		08/15/25 14:00	08/22/25 13:31	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:31	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:31	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:31	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	65		4.0		mg/L			08/19/25 10:22	2
Fluoride (SM 4500 F C)	0.32		0.10		mg/L			08/18/25 15:07	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			08/25/25 09:59	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:33	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Barium	0.12		0.0025		mg/L		08/15/25 14:00	08/22/25 13:33	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Boron	0.19		0.050		mg/L		08/15/25 14:00	08/25/25 14:24	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Calcium	87		0.20		mg/L		08/15/25 14:00	08/22/25 13:33	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:33	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:33	1
Selenium	0.0059		0.0025		mg/L		08/15/25 14:00	08/22/25 13:33	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	86		10		mg/L			08/19/25 10:23	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			08/18/25 15:10	1
Sulfate (SM 4500 SO4 E)	34		5.0		mg/L			08/25/25 09:22	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:35	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Barium	0.10		0.0025		mg/L		08/15/25 14:00	08/22/25 13:35	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Boron	2.8		0.050		mg/L		08/15/25 14:00	08/25/25 14:34	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Calcium	110		0.20		mg/L		08/15/25 14:00	08/22/25 13:35	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Lithium	0.011		0.010		mg/L		08/15/25 14:00	08/22/25 13:35	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:35	1
Selenium	0.0027		0.0025		mg/L		08/15/25 14:00	08/22/25 13:35	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			08/19/25 10:23	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			08/18/25 15:14	1
Sulfate (SM 4500 SO4 E)	74		10		mg/L			08/25/25 09:59	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:42	1
Arsenic	0.016		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Barium	0.20		0.0025		mg/L		08/15/25 14:00	08/22/25 13:42	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Boron	2.0		0.050		mg/L		08/15/25 14:00	08/25/25 14:36	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Calcium	120		0.20		mg/L		08/15/25 14:00	08/22/25 13:42	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Cobalt	0.0017		0.0010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:42	1
Molybdenum	0.014		0.0050		mg/L		08/15/25 14:00	08/22/25 13:42	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:42	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	680		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	55		4.0		mg/L			08/19/25 10:23	2
Fluoride (SM 4500 F C)	0.72		0.10		mg/L			08/18/25 15:18	1
Sulfate (SM 4500 SO4 E)	86		10		mg/L			08/25/25 10:00	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:45	1
Arsenic	0.018		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Barium	0.069		0.0025		mg/L		08/15/25 14:00	08/22/25 13:45	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Boron	0.48		0.050		mg/L		08/15/25 14:00	08/25/25 14:39	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Calcium	110		0.20		mg/L		08/15/25 14:00	08/22/25 13:45	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Lithium	0.011		0.010		mg/L		08/15/25 14:00	08/22/25 13:45	1
Molybdenum	0.012		0.0050		mg/L		08/15/25 14:00	08/22/25 13:45	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:45	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	790		10		mg/L			08/19/25 09:14	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:24	5
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			08/18/25 15:22	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			08/25/25 10:00	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:37	1
Arsenic	0.012		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Barium	0.46		0.0025		mg/L		08/18/25 13:25	08/22/25 12:37	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Boron	0.38		0.050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Calcium	290		1.0		mg/L		08/18/25 13:25	08/25/25 15:10	5
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Cobalt	0.0035		0.0010		mg/L		08/18/25 13:25	08/22/25 12:37	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Lithium	<0.050		0.050		mg/L		08/18/25 13:25	08/25/25 15:10	5
Molybdenum	0.0069		0.0050		mg/L		08/18/25 13:25	08/22/25 12:37	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:37	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			08/19/25 10:24	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			08/18/25 15:25	1
Sulfate (SM 4500 SO4 E)	<5.0	F1	5.0		mg/L			08/25/25 09:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:50	1
Arsenic	0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Barium	0.12		0.0025		mg/L		08/18/25 13:25	08/22/25 12:50	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Boron	0.64		0.050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Calcium	120		0.20		mg/L		08/18/25 13:25	08/22/25 12:50	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:50	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Lithium	0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:22	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:50	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:50	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	870	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			08/19/25 10:25	5
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			08/18/25 15:38	1
Sulfate (SM 4500 SO4 E)	130		25		mg/L			08/26/25 14:16	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:52	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Barium	0.043		0.0025		mg/L		08/18/25 13:25	08/22/25 12:52	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Boron	0.15		0.050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Calcium	120		0.20		mg/L		08/18/25 13:25	08/22/25 12:52	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:52	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:30	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:52	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:52	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	27		2.0		mg/L			08/19/25 10:04	1
Fluoride (SM 4500 F C)	0.13		0.10		mg/L			08/18/25 15:42	1
Sulfate (SM 4500 SO4 E)	40		5.0		mg/L			08/26/25 13:21	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:55	1
Arsenic	0.0023		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Barium	0.12		0.0025		mg/L		08/18/25 13:25	08/22/25 12:55	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Boron	0.45		0.050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Calcium	110		0.20		mg/L		08/18/25 13:25	08/22/25 12:55	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:55	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Lithium	0.019		0.010		mg/L		08/18/25 13:25	08/25/25 15:32	1
Molybdenum	0.0080		0.0050		mg/L		08/18/25 13:25	08/22/25 12:55	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:55	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			08/19/25 10:25	5
Fluoride (SM 4500 F C)	0.50		0.10		mg/L			08/18/25 15:45	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			08/26/25 13:53	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 13:02	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:02	1
Barium	0.035		0.0025		mg/L		08/18/25 13:25	08/22/25 13:02	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/25/25 15:35	1
Boron	2.3		0.050		mg/L		08/18/25 13:25	08/25/25 15:35	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Calcium	82		0.20		mg/L		08/18/25 13:25	08/22/25 13:02	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:02	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:35	1
Molybdenum	0.019		0.0050		mg/L		08/18/25 13:25	08/22/25 13:02	1
Selenium	0.0076		0.0025		mg/L		08/18/25 13:25	08/22/25 13:02	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 13:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	28		2.0		mg/L			08/19/25 10:04	1
Fluoride (SM 4500 F C)	0.19		0.10		mg/L			08/18/25 15:51	1
Sulfate (SM 4500 SO4 E)	94		10		mg/L			08/26/25 13:52	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 13:05	1
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:05	1
Barium	0.059		0.0025		mg/L		08/18/25 13:25	08/22/25 13:05	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/25/25 15:37	1
Boron	2.4		0.050		mg/L		08/18/25 13:25	08/25/25 15:37	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Calcium	77		0.20		mg/L		08/18/25 13:25	08/22/25 13:05	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 13:05	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:37	1
Molybdenum	0.036		0.0050		mg/L		08/18/25 13:25	08/22/25 13:05	1
Selenium	0.0093		0.0025		mg/L		08/18/25 13:25	08/22/25 13:05	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 13:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530	B	10		mg/L			08/19/25 09:58	1
Chloride (SM 4500 Cl- E)	29		2.0		mg/L			08/19/25 10:05	1
Fluoride (SM 4500 F C)	0.24	F1	0.10		mg/L			08/18/25 16:07	1
Sulfate (SM 4500 SO4 E)	95		10		mg/L			08/26/25 13:52	2

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Metals

Prep Batch: 830133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	3005A	
500-272952-2	MW-22	Total Recoverable	Water	3005A	
500-272952-3	MW-01	Total Recoverable	Water	3005A	
500-272952-4	MW-14	Total Recoverable	Water	3005A	
500-272952-5	MW-15	Total Recoverable	Water	3005A	
500-272952-6	MW-06	Total Recoverable	Water	3005A	
500-272952-7	MW-07	Total Recoverable	Water	3005A	
500-272952-8	MW-10	Total Recoverable	Water	3005A	
500-272952-9	Duplicate	Total Recoverable	Water	3005A	
MB 500-830133/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830133/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-1 MS	MW-21D	Total Recoverable	Water	3005A	
500-272952-1 MSD	MW-21D	Total Recoverable	Water	3005A	
500-272952-1 DU	MW-21D	Total Recoverable	Water	3005A	

Prep Batch: 830309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-11	Duplicate 3	Total Recoverable	Water	3005A	
500-272952-12	MW-05	Total Recoverable	Water	3005A	
500-272952-13	MW-04	Total Recoverable	Water	3005A	
500-272952-14	MW-03	Total Recoverable	Water	3005A	
500-272952-15	MW-02	Total Recoverable	Water	3005A	
500-272952-16	MW-11	Total Recoverable	Water	3005A	
500-272952-17	MW-12R	Total Recoverable	Water	3005A	
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	3005A	
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	3005A	

Prep Batch: 830494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total Recoverable	Water	3005A	
500-272952-19	MW-18	Total Recoverable	Water	3005A	
500-272952-20	MW-16	Total Recoverable	Water	3005A	
500-272952-21	MW-08	Total Recoverable	Water	3005A	
500-272952-22	MW-09	Total Recoverable	Water	3005A	
500-272952-23	MW-19	Total Recoverable	Water	3005A	
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-272952-18 MS	MW-18A	Total Recoverable	Water	3005A	
500-272952-18 MSD	MW-18A	Total Recoverable	Water	3005A	
500-272952-18 DU	MW-18A	Total Recoverable	Water	3005A	

Prep Batch: 830983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	7470A	
500-272952-2	MW-22	Total/NA	Water	7470A	
500-272952-3	MW-01	Total/NA	Water	7470A	
500-272952-4	MW-14	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Metals (Continued)

Prep Batch: 830983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-5	MW-15	Total/NA	Water	7470A	
500-272952-6	MW-06	Total/NA	Water	7470A	
500-272952-7	MW-07	Total/NA	Water	7470A	
500-272952-8	MW-10	Total/NA	Water	7470A	
500-272952-9	Duplicate	Total/NA	Water	7470A	
500-272952-10	Duplicate 2	Total/NA	Water	7470A	
500-272952-11	Duplicate 3	Total/NA	Water	7470A	
500-272952-12	MW-05	Total/NA	Water	7470A	
500-272952-13	MW-04	Total/NA	Water	7470A	
500-272952-14	MW-03	Total/NA	Water	7470A	
500-272952-15	MW-02	Total/NA	Water	7470A	
500-272952-16	MW-11	Total/NA	Water	7470A	
500-272952-17	MW-12R	Total/NA	Water	7470A	
500-272952-18	MW-18A	Total/NA	Water	7470A	
500-272952-19	MW-18	Total/NA	Water	7470A	
500-272952-20	MW-16	Total/NA	Water	7470A	
MB 500-830983/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-830983/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-272952-9 MS	Duplicate	Total/NA	Water	7470A	
500-272952-9 MSD	Duplicate	Total/NA	Water	7470A	
500-272952-9 DU	Duplicate	Total/NA	Water	7470A	

Prep Batch: 830984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-21	MW-08	Total/NA	Water	7470A	
500-272952-22	MW-09	Total/NA	Water	7470A	
500-272952-23	MW-19	Total/NA	Water	7470A	
MB 500-830984/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-830984/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 831179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	7470A	830983
500-272952-2	MW-22	Total/NA	Water	7470A	830983
500-272952-3	MW-01	Total/NA	Water	7470A	830983
500-272952-4	MW-14	Total/NA	Water	7470A	830983
500-272952-5	MW-15	Total/NA	Water	7470A	830983
500-272952-6	MW-06	Total/NA	Water	7470A	830983
500-272952-7	MW-07	Total/NA	Water	7470A	830983
500-272952-8	MW-10	Total/NA	Water	7470A	830983
500-272952-9	Duplicate	Total/NA	Water	7470A	830983
500-272952-10	Duplicate 2	Total/NA	Water	7470A	830983
500-272952-11	Duplicate 3	Total/NA	Water	7470A	830983
500-272952-12	MW-05	Total/NA	Water	7470A	830983
500-272952-13	MW-04	Total/NA	Water	7470A	830983
500-272952-14	MW-03	Total/NA	Water	7470A	830983
500-272952-15	MW-02	Total/NA	Water	7470A	830983
500-272952-16	MW-11	Total/NA	Water	7470A	830983
500-272952-17	MW-12R	Total/NA	Water	7470A	830983
500-272952-18	MW-18A	Total/NA	Water	7470A	830983
500-272952-19	MW-18	Total/NA	Water	7470A	830983

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Metals (Continued)

Analysis Batch: 831179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	7470A	830983
500-272952-21	MW-08	Total/NA	Water	7470A	830984
500-272952-22	MW-09	Total/NA	Water	7470A	830984
500-272952-23	MW-19	Total/NA	Water	7470A	830984
MB 500-830983/12-A	Method Blank	Total/NA	Water	7470A	830983
MB 500-830984/12-A	Method Blank	Total/NA	Water	7470A	830984
LCS 500-830983/13-A	Lab Control Sample	Total/NA	Water	7470A	830983
LCS 500-830984/13-A	Lab Control Sample	Total/NA	Water	7470A	830984
500-272952-9 MS	Duplicate	Total/NA	Water	7470A	830983
500-272952-9 MSD	Duplicate	Total/NA	Water	7470A	830983
500-272952-9 DU	Duplicate	Total/NA	Water	7470A	830983

Analysis Batch: 831326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-2	MW-22	Total Recoverable	Water	6020B	830133
500-272952-3	MW-01	Total Recoverable	Water	6020B	830133
500-272952-4	MW-14	Total Recoverable	Water	6020B	830133
500-272952-5	MW-15	Total Recoverable	Water	6020B	830133
500-272952-6	MW-06	Total Recoverable	Water	6020B	830133
500-272952-7	MW-07	Total Recoverable	Water	6020B	830133
500-272952-8	MW-10	Total Recoverable	Water	6020B	830133
500-272952-9	Duplicate	Total Recoverable	Water	6020B	830133
500-272952-10	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-11	Duplicate 3	Total Recoverable	Water	6020B	830309
500-272952-12	MW-05	Total Recoverable	Water	6020B	830309
500-272952-13	MW-04	Total Recoverable	Water	6020B	830309
500-272952-14	MW-03	Total Recoverable	Water	6020B	830309
500-272952-15	MW-02	Total Recoverable	Water	6020B	830309
500-272952-16	MW-11	Total Recoverable	Water	6020B	830309
500-272952-17	MW-12R	Total Recoverable	Water	6020B	830309
MB 500-830133/1-A	Method Blank	Total Recoverable	Water	6020B	830133
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	6020B	830309
LCS 500-830133/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830133
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830309
500-272952-1 MS	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 MSD	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-1 DU	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	6020B	830309

Analysis Batch: 831327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-19	MW-18	Total Recoverable	Water	6020B	830494
500-272952-20	MW-16	Total Recoverable	Water	6020B	830494
500-272952-21	MW-08	Total Recoverable	Water	6020B	830494
500-272952-22	MW-09	Total Recoverable	Water	6020B	830494
500-272952-23	MW-19	Total Recoverable	Water	6020B	830494
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	6020B	830494

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Metals (Continued)

Analysis Batch: 831327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830494
500-272952-18 MS	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 MSD	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 DU	MW-18A	Total Recoverable	Water	6020B	830494

Analysis Batch: 831486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-2	MW-22	Total Recoverable	Water	6020B	830133
500-272952-3	MW-01	Total Recoverable	Water	6020B	830133
500-272952-4	MW-14	Total Recoverable	Water	6020B	830133
500-272952-5	MW-15	Total Recoverable	Water	6020B	830133
500-272952-6	MW-06	Total Recoverable	Water	6020B	830133
500-272952-7	MW-07	Total Recoverable	Water	6020B	830133
500-272952-8	MW-10	Total Recoverable	Water	6020B	830133
500-272952-9	Duplicate	Total Recoverable	Water	6020B	830133
500-272952-1 MS	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 MSD	MW-21D	Total Recoverable	Water	6020B	830133
500-272952-1 DU	MW-21D	Total Recoverable	Water	6020B	830133

Analysis Batch: 831488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-11	Duplicate 3	Total Recoverable	Water	6020B	830309
500-272952-12	MW-05	Total Recoverable	Water	6020B	830309
500-272952-13	MW-04	Total Recoverable	Water	6020B	830309
500-272952-14	MW-03	Total Recoverable	Water	6020B	830309
500-272952-15	MW-02	Total Recoverable	Water	6020B	830309
500-272952-16	MW-11	Total Recoverable	Water	6020B	830309
500-272952-17	MW-12R	Total Recoverable	Water	6020B	830309
500-272952-18	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-19	MW-18	Total Recoverable	Water	6020B	830494
500-272952-20	MW-16	Total Recoverable	Water	6020B	830494
500-272952-21	MW-08	Total Recoverable	Water	6020B	830494
500-272952-22	MW-09	Total Recoverable	Water	6020B	830494
500-272952-23	MW-19	Total Recoverable	Water	6020B	830494
MB 500-830309/1-A	Method Blank	Total Recoverable	Water	6020B	830309
MB 500-830494/1-A	Method Blank	Total Recoverable	Water	6020B	830494
LCS 500-830309/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830309
LCS 500-830494/2-A	Lab Control Sample	Total Recoverable	Water	6020B	830494
500-272952-10 MS	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-10 MSD	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-18 MS	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-18 MSD	MW-18A	Total Recoverable	Water	6020B	830494
500-272952-10 DU	Duplicate 2	Total Recoverable	Water	6020B	830309
500-272952-18 DU	MW-18A	Total Recoverable	Water	6020B	830494

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

General Chemistry

Analysis Batch: 829942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 F C	
500-272952-2	MW-22	Total/NA	Water	SM 4500 F C	
MB 500-829942/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-829942/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 2540C	
500-272952-2	MW-22	Total/NA	Water	SM 2540C	
500-272952-3	MW-01	Total/NA	Water	SM 2540C	
500-272952-4	MW-14	Total/NA	Water	SM 2540C	
500-272952-5	MW-15	Total/NA	Water	SM 2540C	
500-272952-6	MW-06	Total/NA	Water	SM 2540C	
500-272952-7	MW-07	Total/NA	Water	SM 2540C	
500-272952-8	MW-10	Total/NA	Water	SM 2540C	
500-272952-9	Duplicate	Total/NA	Water	SM 2540C	
MB 500-830060/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830060/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 830368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 Cl- E	
500-272952-2	MW-22	Total/NA	Water	SM 4500 Cl- E	
500-272952-3	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-272952-4	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-272952-5	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-272952-6	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-272952-7	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-272952-8	MW-10	Total/NA	Water	SM 4500 Cl- E	
MB 500-830368/64	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-830368/65	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 830541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-4	MW-14	Total/NA	Water	SM 4500 F C	
500-272952-5	MW-15	Total/NA	Water	SM 4500 F C	
500-272952-6	MW-06	Total/NA	Water	SM 4500 F C	
500-272952-7	MW-07	Total/NA	Water	SM 4500 F C	
500-272952-8	MW-10	Total/NA	Water	SM 4500 F C	
500-272952-9	Duplicate	Total/NA	Water	SM 4500 F C	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 F C	
500-272952-12	MW-05	Total/NA	Water	SM 4500 F C	
500-272952-13	MW-04	Total/NA	Water	SM 4500 F C	
500-272952-14	MW-03	Total/NA	Water	SM 4500 F C	
500-272952-15	MW-02	Total/NA	Water	SM 4500 F C	
500-272952-16	MW-11	Total/NA	Water	SM 4500 F C	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 F C	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 F C	
500-272952-19	MW-18	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

General Chemistry (Continued)

Analysis Batch: 830541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	SM 4500 F C	
500-272952-21	MW-08	Total/NA	Water	SM 4500 F C	
500-272952-22	MW-09	Total/NA	Water	SM 4500 F C	
500-272952-23	MW-19	Total/NA	Water	SM 4500 F C	
MB 500-830541/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-830541/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-830541/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-830541/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-272952-3 MS	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-3 MSD	MW-01	Total/NA	Water	SM 4500 F C	
500-272952-23 MS	MW-19	Total/NA	Water	SM 4500 F C	
500-272952-23 MSD	MW-19	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	SM 2540C	
500-272952-11	Duplicate 3	Total/NA	Water	SM 2540C	
500-272952-12	MW-05	Total/NA	Water	SM 2540C	
500-272952-13	MW-04	Total/NA	Water	SM 2540C	
500-272952-14	MW-03	Total/NA	Water	SM 2540C	
500-272952-15	MW-02	Total/NA	Water	SM 2540C	
500-272952-16	MW-11	Total/NA	Water	SM 2540C	
500-272952-17	MW-12R	Total/NA	Water	SM 2540C	
MB 500-830609/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830609/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-272952-10 MS	Duplicate 2	Total/NA	Water	SM 2540C	
500-272952-11 DU	Duplicate 3	Total/NA	Water	SM 2540C	
500-272952-12 DU	MW-05	Total/NA	Water	SM 2540C	

Analysis Batch: 830623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	SM 2540C	
500-272952-19	MW-18	Total/NA	Water	SM 2540C	
500-272952-20	MW-16	Total/NA	Water	SM 2540C	
500-272952-21	MW-08	Total/NA	Water	SM 2540C	
500-272952-22	MW-09	Total/NA	Water	SM 2540C	
500-272952-23	MW-19	Total/NA	Water	SM 2540C	
MB 500-830623/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-830623/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-272952-22 DU	MW-09	Total/NA	Water	SM 2540C	
500-272952-23 DU	MW-19	Total/NA	Water	SM 2540C	

Analysis Batch: 830669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-9	Duplicate	Total/NA	Water	SM 4500 Cl- E	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 Cl- E	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 Cl- E	
500-272952-12	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-272952-13	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-272952-14	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-272952-15	MW-02	Total/NA	Water	SM 4500 Cl- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

General Chemistry (Continued)

Analysis Batch: 830669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-16	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 Cl- E	
500-272952-19	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-272952-20	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-272952-21	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-272952-22	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-272952-23	MW-19	Total/NA	Water	SM 4500 Cl- E	
MB 500-830669/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-830669/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 831378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	SM 4500 SO4 E	
500-272952-2	MW-22	Total/NA	Water	SM 4500 SO4 E	
500-272952-3	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-272952-4	MW-14	Total/NA	Water	SM 4500 SO4 E	
500-272952-5	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-272952-6	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-272952-7	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-272952-8	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-272952-9	Duplicate	Total/NA	Water	SM 4500 SO4 E	
500-272952-10	Duplicate 2	Total/NA	Water	SM 4500 SO4 E	
500-272952-11	Duplicate 3	Total/NA	Water	SM 4500 SO4 E	
500-272952-12	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-272952-13	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-272952-14	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-272952-15	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-272952-16	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-272952-17	MW-12R	Total/NA	Water	SM 4500 SO4 E	
500-272952-18	MW-18A	Total/NA	Water	SM 4500 SO4 E	
MB 500-831378/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-831378/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-272952-18 MS	MW-18A	Total/NA	Water	SM 4500 SO4 E	
500-272952-18 MSD	MW-18A	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 831598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-19	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-272952-20	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-272952-21	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-272952-22	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-272952-23	MW-19	Total/NA	Water	SM 4500 SO4 E	
MB 500-831598/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-831598/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-830133/1-A

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/14/25 13:44	08/22/25 12:03	1
Arsenic	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Barium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:03	1
Beryllium	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Boron	<0.050		0.050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Cadmium	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Calcium	<0.20		0.20		mg/L		08/14/25 13:44	08/22/25 12:03	1
Chromium	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Cobalt	<0.0010		0.0010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Lead	<0.00050		0.00050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Lithium	<0.010		0.010		mg/L		08/14/25 13:44	08/22/25 12:03	1
Molybdenum	<0.0050		0.0050		mg/L		08/14/25 13:44	08/22/25 12:03	1
Selenium	<0.0025		0.0025		mg/L		08/14/25 13:44	08/22/25 12:03	1
Thallium	<0.0020		0.0020		mg/L		08/14/25 13:44	08/22/25 12:03	1

Lab Sample ID: LCS 500-830133/2-A

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.504		mg/L		101	80 - 120
Arsenic	0.100	0.0967		mg/L		97	80 - 120
Barium	2.00	2.02		mg/L		101	80 - 120
Beryllium	0.0500	0.0527		mg/L		105	80 - 120
Boron	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.0500	0.0504		mg/L		101	80 - 120
Calcium	10.0	9.81		mg/L		98	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.500	0.525		mg/L		105	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.500	0.548		mg/L		110	80 - 120
Molybdenum	1.00	0.981		mg/L		98	80 - 120
Selenium	0.100	0.0943		mg/L		94	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 500-272952-1 MS

Matrix: Water

Analysis Batch: 831326

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.512		mg/L		102	75 - 125
Arsenic	<0.0010		0.100	0.101		mg/L		100	75 - 125
Barium	0.067		2.00	2.08		mg/L		101	75 - 125
Beryllium	<0.0010		0.0500	0.0505		mg/L		101	75 - 125
Cadmium	<0.00050		0.0500	0.0497		mg/L		99	75 - 125
Calcium	76		10.0	87.8	4	mg/L		114	75 - 125
Chromium	<0.0050		0.200	0.190		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.498		mg/L		100	75 - 125
Lead	<0.00050		0.100	0.0986		mg/L		98	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272952-1 MS

Matrix: Water

Analysis Batch: 831326

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.010		0.500	0.506		mg/L		100	75 - 125
Molybdenum	0.028		1.00	1.03		mg/L		100	75 - 125
Selenium	<0.0025		0.100	0.100		mg/L		100	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-272952-1 MS

Matrix: Water

Analysis Batch: 831486

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.43		1.00	1.40		mg/L		98	75 - 125

Lab Sample ID: 500-272952-1 MSD

Matrix: Water

Analysis Batch: 831326

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.517		mg/L		103	75 - 125	1	20
Arsenic	<0.0010		0.100	0.102		mg/L		101	75 - 125	1	20
Barium	0.067		2.00	2.11		mg/L		102	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0507		mg/L		101	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0498		mg/L		100	75 - 125	0	20
Calcium	76		10.0	88.6	4	mg/L		122	75 - 125	1	20
Chromium	<0.0050		0.200	0.193		mg/L		97	75 - 125	2	20
Cobalt	<0.0010		0.500	0.499		mg/L		100	75 - 125	0	20
Lead	<0.00050		0.100	0.0985		mg/L		98	75 - 125	0	20
Lithium	<0.010		0.500	0.515		mg/L		102	75 - 125	2	20
Molybdenum	0.028		1.00	1.03		mg/L		101	75 - 125	0	20
Selenium	<0.0025		0.100	0.0990		mg/L		99	75 - 125	1	20
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	0	20

Lab Sample ID: 500-272952-1 MSD

Matrix: Water

Analysis Batch: 831486

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.43		1.00	1.41		mg/L		98	75 - 125	0	20

Lab Sample ID: 500-272952-1 DU

Matrix: Water

Analysis Batch: 831326

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.067		0.0652		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	76		74.0		mg/L		3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272952-1 DU

Matrix: Water

Analysis Batch: 831326

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	0.028		0.0274		mg/L		0.4	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-1 DU

Matrix: Water

Analysis Batch: 831486

Client Sample ID: MW-21D

Prep Type: Total Recoverable

Prep Batch: 830133

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	0.43		0.420		mg/L		2	20

Lab Sample ID: MB 500-830309/1-A

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/15/25 14:00	08/22/25 13:06	1
Arsenic	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Barium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:06	1
Beryllium	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Cadmium	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Calcium	<0.20		0.20		mg/L		08/15/25 14:00	08/22/25 13:06	1
Chromium	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Cobalt	<0.0010		0.0010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Lead	<0.00050		0.00050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Lithium	<0.010		0.010		mg/L		08/15/25 14:00	08/22/25 13:06	1
Molybdenum	<0.0050		0.0050		mg/L		08/15/25 14:00	08/22/25 13:06	1
Selenium	<0.0025		0.0025		mg/L		08/15/25 14:00	08/22/25 13:06	1
Thallium	<0.0020		0.0020		mg/L		08/15/25 14:00	08/22/25 13:06	1

Lab Sample ID: MB 500-830309/1-A

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		08/15/25 14:00	08/25/25 14:02	1

Lab Sample ID: LCS 500-830309/2-A

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.502		mg/L		100	80 - 120
Arsenic	0.100	0.0947		mg/L		95	80 - 120
Barium	2.00	2.04		mg/L		102	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-830309/2-A

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	9.76		mg/L		98	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.529		mg/L		106	80 - 120
Lead	0.100	0.0996		mg/L		100	80 - 120
Lithium	0.500	0.546		mg/L		109	80 - 120
Molybdenum	1.00	0.973		mg/L		97	80 - 120
Selenium	0.100	0.0931		mg/L		93	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-830309/2-A

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.03		mg/L		103	80 - 120

Lab Sample ID: 500-272952-10 MS

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.515		mg/L		103	75 - 125
Arsenic	0.012		0.100	0.111		mg/L		99	75 - 125
Barium	0.064		2.00	2.08		mg/L		101	75 - 125
Beryllium	<0.0010		0.0500	0.0524		mg/L		105	75 - 125
Cadmium	<0.00050		0.0500	0.0499		mg/L		100	75 - 125
Calcium	100		10.0	115	4	mg/L		132	75 - 125
Chromium	<0.0050		0.200	0.194		mg/L		97	75 - 125
Cobalt	<0.0010		0.500	0.505		mg/L		101	75 - 125
Lead	<0.00050		0.100	0.0983		mg/L		98	75 - 125
Lithium	<0.010		0.500	0.525		mg/L		103	75 - 125
Molybdenum	0.011		1.00	1.02		mg/L		101	75 - 125
Selenium	<0.0025		0.100	0.0950		mg/L		95	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-272952-10 MS

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.43		1.00	1.47		mg/L		104	75 - 125

Lab Sample ID: 500-272952-10 MSD

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.526		mg/L		105	75 - 125	2	20
Arsenic	0.012		0.100	0.112		mg/L		100	75 - 125	1	20
Barium	0.064		2.00	2.11		mg/L		102	75 - 125	1	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272952-10 MSD

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.0010		0.0500	0.0528		mg/L		106	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0505		mg/L		101	75 - 125	1	20
Calcium	100		10.0	114	4	mg/L		130	75 - 125	0	20
Chromium	<0.0050		0.200	0.193		mg/L		96	75 - 125	1	20
Cobalt	<0.0010		0.500	0.511		mg/L		102	75 - 125	1	20
Lead	<0.00050		0.100	0.0995		mg/L		99	75 - 125	1	20
Lithium	<0.010		0.500	0.528		mg/L		104	75 - 125	1	20
Molybdenum	0.011		1.00	1.02		mg/L		101	75 - 125	0	20
Selenium	<0.0025		0.100	0.0975		mg/L		97	75 - 125	3	20
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125	3	20

Lab Sample ID: 500-272952-10 MSD

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.43		1.00	1.48		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-272952-10 DU

Matrix: Water

Analysis Batch: 831326

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.012		0.0125		mg/L		3	20
Barium	0.064		0.0643		mg/L		0.9	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	100		105		mg/L		4	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	<0.010		<0.010		mg/L		NC	20
Molybdenum	0.011		0.0118		mg/L		4	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-10 DU

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Duplicate 2

Prep Type: Total Recoverable

Prep Batch: 830309

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.43		0.433		mg/L		1	20

Lab Sample ID: MB 500-830494/1-A

Matrix: Water

Analysis Batch: 831327

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		08/18/25 13:25	08/22/25 12:32	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 500-830494/1-A

Matrix: Water

Analysis Batch: 831327

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Barium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:32	1
Beryllium	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Boron	<0.050		0.050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Cadmium	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Calcium	<0.20		0.20		mg/L		08/18/25 13:25	08/22/25 12:32	1
Chromium	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Cobalt	<0.0010		0.0010		mg/L		08/18/25 13:25	08/22/25 12:32	1
Lead	<0.00050		0.00050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Molybdenum	<0.0050		0.0050		mg/L		08/18/25 13:25	08/22/25 12:32	1
Selenium	<0.0025		0.0025		mg/L		08/18/25 13:25	08/22/25 12:32	1
Thallium	<0.0020		0.0020		mg/L		08/18/25 13:25	08/22/25 12:32	1

Lab Sample ID: MB 500-830494/1-A

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		08/18/25 13:25	08/25/25 15:05	1

Lab Sample ID: LCS 500-830494/2-A

Matrix: Water

Analysis Batch: 831327

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.503		mg/L		101	80 - 120
Arsenic	0.100	0.0987		mg/L		99	80 - 120
Barium	2.00	2.12		mg/L		106	80 - 120
Beryllium	0.0500	0.0508		mg/L		102	80 - 120
Boron	1.00	0.979		mg/L		98	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	9.11		mg/L		91	80 - 120
Chromium	0.200	0.195		mg/L		97	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Lead	0.100	0.0989		mg/L		99	80 - 120
Molybdenum	1.00	0.990		mg/L		99	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Thallium	0.100	0.0978		mg/L		98	80 - 120

Lab Sample ID: LCS 500-830494/2-A

Matrix: Water

Analysis Batch: 831488

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.547		mg/L		109	80 - 120

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272952-18 MS

Matrix: Water

Analysis Batch: 831327

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	
	Result			Result	Qualifier				Limits	
Antimony	<0.0030		0.500	0.524		mg/L		104	75 - 125	
Arsenic	0.012		0.100	0.115		mg/L		103	75 - 125	
Barium	0.46		2.00	2.59		mg/L		106	75 - 125	
Beryllium	<0.0010		0.0500	0.0497		mg/L		99	75 - 125	
Boron	0.38		1.00	1.36		mg/L		98	75 - 125	
Cadmium	<0.00050		0.0500	0.0495		mg/L		99	75 - 125	
Chromium	<0.0050		0.200	0.189		mg/L		95	75 - 125	
Cobalt	0.0035		0.500	0.488		mg/L		97	75 - 125	
Lead	<0.00050		0.100	0.0966		mg/L		96	75 - 125	
Molybdenum	0.0069		1.00	1.04		mg/L		103	75 - 125	
Selenium	<0.0025		0.100	0.102		mg/L		102	75 - 125	
Thallium	<0.0020		0.100	0.0968		mg/L		97	75 - 125	

Lab Sample ID: 500-272952-18 MS

Matrix: Water

Analysis Batch: 831488

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	
	Result			Result	Qualifier				Limits	
Calcium	290		10.0	293	4	mg/L		-9	75 - 125	
Lithium	<0.050		0.500	0.533		mg/L		107	75 - 125	

Lab Sample ID: 500-272952-18 MSD

Matrix: Water

Analysis Batch: 831327

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result			Result	Qualifier				Limits		RPD	Limit
Antimony	<0.0030		0.500	0.516		mg/L		103	75 - 125		2	20
Arsenic	0.012		0.100	0.114		mg/L		102	75 - 125		1	20
Barium	0.46		2.00	2.57		mg/L		105	75 - 125		1	20
Beryllium	<0.0010		0.0500	0.0522		mg/L		104	75 - 125		5	20
Boron	0.38		1.00	1.39		mg/L		101	75 - 125		2	20
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125		0	20
Chromium	<0.0050		0.200	0.191		mg/L		96	75 - 125		1	20
Cobalt	0.0035		0.500	0.489		mg/L		97	75 - 125		0	20
Lead	<0.00050		0.100	0.0968		mg/L		97	75 - 125		0	20
Molybdenum	0.0069		1.00	1.04		mg/L		103	75 - 125		0	20
Selenium	<0.0025		0.100	0.101		mg/L		101	75 - 125		1	20
Thallium	<0.0020		0.100	0.0972		mg/L		97	75 - 125		0	20

Lab Sample ID: 500-272952-18 MSD

Matrix: Water

Analysis Batch: 831488

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result			Result	Qualifier				Limits		RPD	Limit
Calcium	290		10.0	294	4	mg/L		-4	75 - 125		0	20
Lithium	<0.050		0.500	0.532		mg/L		106	75 - 125		0	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-272952-18 DU

Matrix: Water

Analysis Batch: 831327

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.012		0.0112		mg/L		4	20
Barium	0.46		0.454		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.38		0.360		mg/L		6	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0035		0.00337		mg/L		2	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Molybdenum	0.0069		0.00607		mg/L		12	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-272952-18 DU

Matrix: Water

Analysis Batch: 831488

Client Sample ID: MW-18A

Prep Type: Total Recoverable

Prep Batch: 830494

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Calcium	290		297		mg/L		1	20
Lithium	<0.050		<0.050		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-830983/12-A

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 830983

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 07:55	1

Lab Sample ID: LCS 500-830983/13-A

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 830983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00206		mg/L		103	80 - 120

Lab Sample ID: 500-272952-9 MS

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 830983

Analyte	Sample	Sample	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Mercury	<0.00020		0.00100	0.00102		mg/L		102	75 - 125

Lab Sample ID: 500-272952-9 MSD

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 830983

Analyte	Sample	Sample	Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Mercury	<0.00020		0.00100	0.00100		mg/L		100	75 - 125	2	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-272952-9 DU

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 830983

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Lab Sample ID: MB 500-830984/12-A

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 830984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/21/25 09:55	08/22/25 08:49	1

Lab Sample ID: LCS 500-830984/13-A

Matrix: Water

Analysis Batch: 831179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 830984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00210		mg/L		105	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-830060/1

Matrix: Water

Analysis Batch: 830060

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/14/25 06:38	1

Lab Sample ID: LCS 500-830060/2

Matrix: Water

Analysis Batch: 830060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	292		mg/L		117	80 - 120

Lab Sample ID: MB 500-830609/1

Matrix: Water

Analysis Batch: 830609

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/19/25 09:14	1

Lab Sample ID: LCS 500-830609/2

Matrix: Water

Analysis Batch: 830609

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	288		mg/L		115	80 - 120

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 500-272952-10 MS

Matrix: Water

Analysis Batch: 830609

Client Sample ID: Duplicate 2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	820		250	1080		mg/L		107	75 - 125

Lab Sample ID: 500-272952-11 DU

Matrix: Water

Analysis Batch: 830609

Client Sample ID: Duplicate 3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	520		554	F3	mg/L		6	5

Lab Sample ID: 500-272952-12 DU

Matrix: Water

Analysis Batch: 830609

Client Sample ID: MW-05

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	760		762		mg/L		0.5	5

Lab Sample ID: MB 500-830623/1

Matrix: Water

Analysis Batch: 830623

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	18.0		10		mg/L			08/19/25 09:58	1

Lab Sample ID: LCS 500-830623/2

Matrix: Water

Analysis Batch: 830623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	290		mg/L		116	80 - 120

Lab Sample ID: 500-272952-22 DU

Matrix: Water

Analysis Batch: 830623

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	530	B	538		mg/L		0.7	5

Lab Sample ID: 500-272952-23 DU

Matrix: Water

Analysis Batch: 830623

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	530	B	524		mg/L		0.8	5

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-830368/64

Matrix: Water

Analysis Batch: 830368

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			08/17/25 11:36	1

Lab Sample ID: LCS 500-830368/65

Matrix: Water

Analysis Batch: 830368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: MB 500-830669/16

Matrix: Water

Analysis Batch: 830669

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			08/19/25 10:02	1

Lab Sample ID: LCS 500-830669/17

Matrix: Water

Analysis Batch: 830669

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.6		mg/L		98	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829942/31

Matrix: Water

Analysis Batch: 829942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/13/25 11:59	1

Lab Sample ID: LCS 500-829942/32

Matrix: Water

Analysis Batch: 829942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.84		mg/L		98	90 - 119

Lab Sample ID: MB 500-830541/3

Matrix: Water

Analysis Batch: 830541

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/18/25 14:00	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-830541/31

Matrix: Water

Analysis Batch: 830541

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/18/25 15:58	1

Lab Sample ID: LCS 500-830541/32

Matrix: Water

Analysis Batch: 830541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.78		mg/L		98	90 - 119

Lab Sample ID: LCS 500-830541/4

Matrix: Water

Analysis Batch: 830541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.51		mg/L		95	90 - 119

Lab Sample ID: 500-272952-3 MS

Matrix: Water

Analysis Batch: 830541

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.27	F1	5.00	6.74	F1	mg/L		129	75 - 125

Lab Sample ID: 500-272952-3 MSD

Matrix: Water

Analysis Batch: 830541

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.27	F1	5.00	7.01	F1	mg/L		135	75 - 125	4	20

Lab Sample ID: 500-272952-23 MS

Matrix: Water

Analysis Batch: 830541

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.24	F1	5.00	6.64	F1	mg/L		128	75 - 125

Lab Sample ID: 500-272952-23 MSD

Matrix: Water

Analysis Batch: 830541

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.24	F1	5.00	6.51		mg/L		125	75 - 125	2	20

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-831378/16

Matrix: Water

Analysis Batch: 831378

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			08/25/25 09:19	1

Lab Sample ID: LCS 500-831378/17

Matrix: Water

Analysis Batch: 831378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.0		mg/L		105	88 - 123

Lab Sample ID: 500-272952-18 MS

Matrix: Water

Analysis Batch: 831378

Client Sample ID: MW-18A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<5.0	F1	20.0	47.3	F1	mg/L		237	75 - 125

Lab Sample ID: 500-272952-18 MSD

Matrix: Water

Analysis Batch: 831378

Client Sample ID: MW-18A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<5.0	F1	20.0	47.9	F1	mg/L		240	75 - 125	1	20

Lab Sample ID: MB 500-831598/16

Matrix: Water

Analysis Batch: 831598

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			08/26/25 13:18	1

Lab Sample ID: LCS 500-831598/17

Matrix: Water

Analysis Batch: 831598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.7		mg/L		109	88 - 123

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Chain of Custody Record

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eurofins

i KPRG and Associates, Inc.

Client Information		Sampler <i>Jack Misner</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-138954-53342 2					
Client Contact: Kaelyn Sperle		Phone <i>262-622-1143</i>		E Mail Diana.Mockler@et.eurofinsus.com		State of Origin <i>IL</i>		Page Page <i>2 of 8</i> 1 of 1					
Company KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job # <i>12313-1</i>			
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-272952 COC						Preservation Codes D HNO3 N None <i>500-272952</i>			
City Brookfield		TAT Requested (days) <i>Standard</i>											
State Zip WI, 53005		Compliance Project ☐ Yes ☐ No											
Phone 262-781-0475(Tel)		PO # 4502190231											
Email kaelyns@kprginc.com		WO #											
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		Total Number of Containers						Other:			
Site <i>Powerton Station</i>		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)	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-12R					Water								
MW-14					Water								
MW-15					Water								
MW-16					Water								
MW-17					Water								
MW-18					Water								
MW-18A					Water								
MW-19					Water								
1 MW-21D		<i>8/11/25</i>	<i>1416</i>	<i>G</i>	Water	<i>NN</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>			
2 MW-22		<i>8/11/25</i>	<i>1339</i>	<i>G</i>	Water	<i>NN</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>			
Duplicate 1					Water								
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by			Date		Time		Method of Shipment:						
Relinquished by <i>Jack Misner</i>			Date/Time <i>8/11/25 1400</i>		Company <i>KPRG</i>		Received by <i>FedEx</i>			Date/Time <i>8/11/25 1400</i>		Company <i>FedEx</i>	
Relinquished by			Date/Time		Company		Received by <i>DBL</i>			Date/Time <i>8/12/25 0920</i>		Company <i>EECTA</i>	
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>2.1-7.1 4844</i>							

MKE 232 **eurofins** | *Environnement Test Inc.*

Ver: 10/10/2024
8/28/2025

Chain of Custody Record

IVINE 232

Environment Testfile

[illegible]

MKE 232

1. kruskal wallis test

Ver: 10/10/2024 8/28/2025

ORIGIN ID:PIAA (262) 622-1143

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11AUG25
ACTWGT: 52.60 LB
CAD: 6994779/SSFE2621
DIMS: 24x13x13 IN

BILL THIRD PARTY

Part # 156297-435 RHDW2 EXP 05/26

0 EUROFINS

18410 CROSSING DR STE E



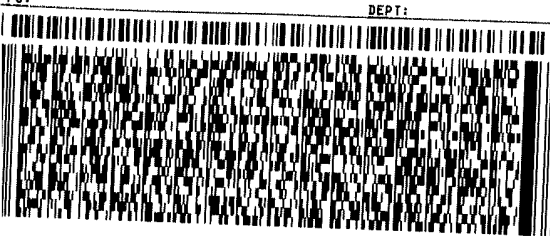
500-272952 Waybi

TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:



FedEx
Express



AN10223035208527

PK# 3920 0505 6460

TUE - 12 AUG 10:30A
PRIORITY OVERNIGHT

KP JOTA

2.1-1.9

Ubat

60487

IL-US ORD



ORIGIN ID:PIAA (000)
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

TO **SAMPLE REC**
EUROFINS
18410 CROSSI

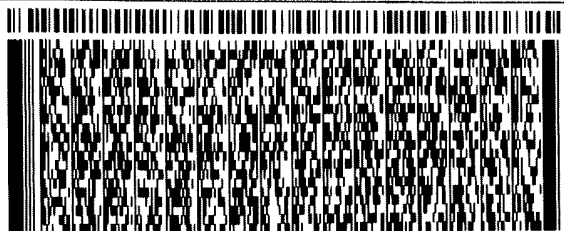
TINLEY PARK IL 60487

(000) 000-0000

INU:
PO:

REF:

DEPT:



FedEx
Express



IN 106290520527

4 of 4

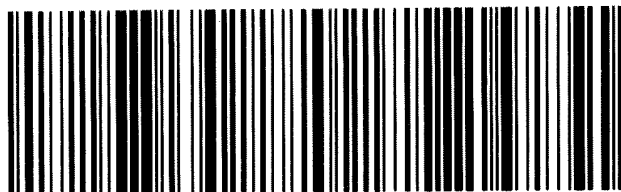
MPS# 3920 5359 9506
0263

Mstr# 3920 5359 9470

0201

XP JOTA

60487
IL-US ORD



3552FL
PRIORITY OVERNIGHT
60187 926777

WED 08/13/08 03:30:35
CROSSING DR

E: 12AUG25
60.00 LB
94779/SSFE2621
24x18x12 IN

RD PARTY



500-272952 Waybi

Part # 156297-435 REF: 12/26

ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

TINLEY PARK IL 60487

(000) 000-0000

INU:
PO:

REF:

DEPT:



FedEx
Express



IN 106290520527

3 of 4

MPS# 3920 5359 9491
0263
Mstr# 3920 5359 9470

0201

XP JOTA

60487
IL-US ORD



SHIP DATE: 12AUG25
ACTWT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part # 156297-435 REF: 12/26

415-40

ORIGIN ID:PIAA (000) 000-0000
 KPRG AND ASSOCIATES
 414 PLAZA DR STE 106
 WESTMONT, IL 60559
 UNITED STATES US

SHIP DATE: 13AUG25
 ACTWGT: 60.00 LB
 CAD: 6994779/SSFE2621
 DIMS: 24x18x12 IN
 BILL THIRD PARTY

TO **SAMPLE RECEIVING**
EUROFINS
 18410 CROSSING DR STE E

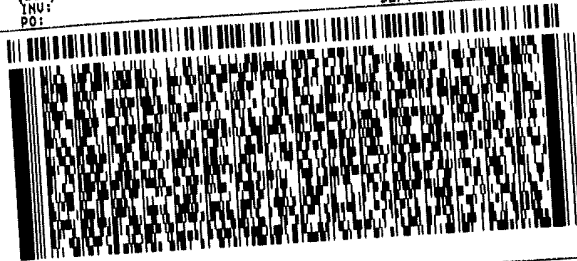
TINLEY PARK IL 60487

(000) 000-0000
 INU:
 PO:

REF:

DEPT:

500-272952 Waybi



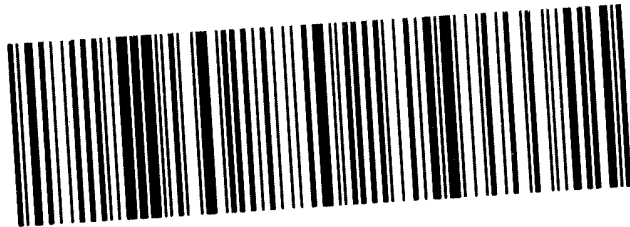
4 of 5
 MPS# 3920 9534 7278
 0263
 Mstr# 3920 9534 7245

XP JOTA

0201

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

60487
 IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
 414 PLAZA DR STE 106

WESTMONT, IL 60559
 UNITED STATES US

SHIP DATE: 13AUG25
 ACTWGT: 60.00 LB
 CAD: 6994779/SSFE2621
 DIMS: 24x18x12 IN
 BILL THIRD PARTY

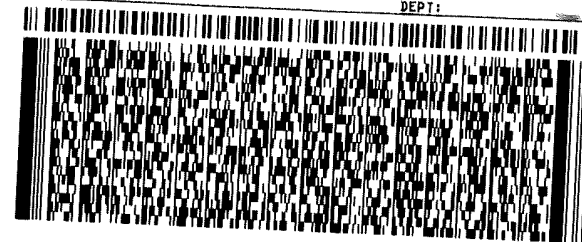
TO **SAMPLE RECEIVING**
EUROFINS
 18410 CROSSING DR STE E

TINLEY PARK IL 60487

(000) 000-0000
 INU:
 PO:

REF:

DEPT:

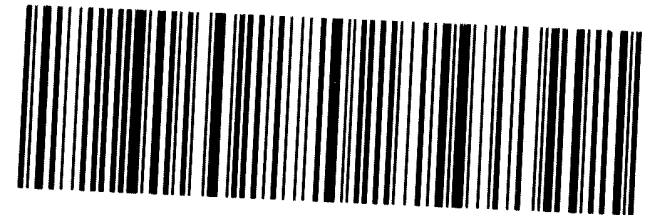


1 of 5
 TRK# 3920 9534 7245
 0201
 ## MASTER ##

XP JOTA

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

60487
 IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13/08/2013
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part 56297-235 TRB/N2 Exp 05/26

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

3.0 → 2.8

TINLEY PARK IL 60487

(000) 000-0000
INU:
PO:

REF:

DEPT:



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Express

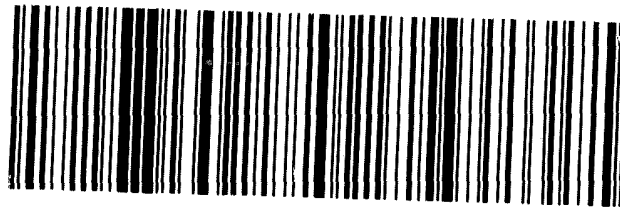


PRIORITY OVERNIGHT
415-4019
JG 10:30A
VERNIGHT

MPS# 3920 9534
0263
Mstr# 3920 9534 7245

XP JOTA

60487
IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 14AUG25
ACTWGT: 64.75 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part # 156297-435

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E



TINLEY PARK IL 60487

500-272952 Waybi

(000) 000-0000

REF:

INU:
PO:

DEPT:



FedEx
Express



J253025062301uy

3 of 3

MPS# 0263 **3921 3439 8442**

Mstr# 3921 3439 8420

0201

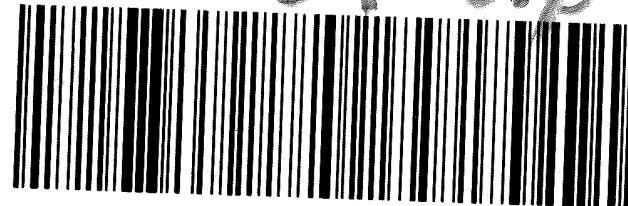
FRI - 15 AUG 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487

IL US **ORD**

- 0.4 + - 0.6



Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-1

Login Number: 272952

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9,4.3,1.3,2.9,1.8,2.8,-0.6,2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 500-272952-1

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:16
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:07
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 07:59
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:01
Total/NA	Analysis	SM 4500 Cl- E		5	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 13:37
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:34

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:37
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:23
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:00
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:03
Total/NA	Analysis	SM 4500 Cl- E		1	830368	TR	EET CHI	08/17/25 11:39
Total/NA	Analysis	SM 4500 F C		1	829942	AC	EET CHI	08/13/25 13:39
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:34

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:41
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:26
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:02
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:06
Total/NA	Analysis	SM 4500 Cl- E		2	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:08
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:55

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:45
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:28
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:04
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:09
Total/NA	Analysis	SM 4500 Cl- E		2	830368	TR	EET CHI	08/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:17
Total/NA	Analysis	SM 4500 SO4 E		100	831378	TR	EET CHI	08/25/25 10:45

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:49
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:30
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:06
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:11
Total/NA	Analysis	SM 4500 Cl- E		10	830368	TR	EET CHI	08/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:20
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:56

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 13:53
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:32
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:08
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:14
Total/NA	Analysis	SM 4500 Cl- E		5	830368	TR	EET CHI	08/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:24
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:56

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-07

Date Collected: 08/12/25 08:44

Date Received: 08/13/25 09:10

Lab Sample ID: 500-272952-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:06
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:35
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:10
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:16
Total/NA	Analysis	SM 4500 Cl- E		5	830368	TR	EET CHI	08/17/25 12:02
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:28
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:56

Client Sample ID: MW-10

Date Collected: 08/12/25 13:36

Date Received: 08/13/25 09:10

Lab Sample ID: 500-272952-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:11
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:37
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:15
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:19
Total/NA	Analysis	SM 4500 Cl- E		2	830368	TR	EET CHI	08/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:32
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:57

Client Sample ID: Duplicate

Date Collected: 08/12/25 00:00

Date Received: 08/13/25 09:10

Lab Sample ID: 500-272952-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831486	RN	EET CHI	08/25/25 14:15
Total Recoverable	Prep	3005A			830133	MS	EET CHI	08/14/25 13:44 - 08/14/25 19:44 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 12:39
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:17
Total/NA	Analysis	SM 2540C		1	830060	CLB	EET CHI	08/14/25 07:21
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:21
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:46
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:58

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:15
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:07
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:25
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:21
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:52
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:58

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:26
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:22
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:27
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 14:55
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:22

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:29
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:19
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:28
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:01
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:59

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-04

Date Collected: 08/13/25 13:09

Date Received: 08/14/25 09:30

Lab Sample ID: 500-272952-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:31
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:31
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:30
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:22
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:07
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 09:59

Client Sample ID: MW-03

Date Collected: 08/13/25 11:52

Date Received: 08/14/25 09:30

Lab Sample ID: 500-272952-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:33
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:24
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:32
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:10
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:22

Client Sample ID: MW-02

Date Collected: 08/13/25 10:58

Date Received: 08/14/25 09:30

Lab Sample ID: 500-272952-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:35
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:34
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:38
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:14
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 09:59

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-11

Date Collected: 08/13/25 10:02

Date Received: 08/14/25 09:30

Lab Sample ID: 500-272952-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:42
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:36
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:40
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		2	830669	TR	EET CHI	08/19/25 10:23
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:18
Total/NA	Analysis	SM 4500 SO4 E		2	831378	TR	EET CHI	08/25/25 10:00

Client Sample ID: MW-12R

Date Collected: 08/13/25 08:37

Date Received: 08/14/25 09:30

Lab Sample ID: 500-272952-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831326	RN	EET CHI	08/22/25 13:45
Total Recoverable	Prep	3005A			830309	MS	EET CHI	08/15/25 14:00 - 08/15/25 20:00 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 14:39
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:42
Total/NA	Analysis	SM 2540C		1	830609	NM	EET CHI	08/19/25 09:14
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:24
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:22
Total/NA	Analysis	SM 4500 SO4 E		5	831378	TR	EET CHI	08/25/25 10:00

Client Sample ID: MW-18A

Date Collected: 08/14/25 12:48

Date Received: 08/15/25 09:10

Lab Sample ID: 500-272952-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:37
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		5	831488	RN	EET CHI	08/25/25 15:10
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:44
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:24
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:25
Total/NA	Analysis	SM 4500 SO4 E		1	831378	TR	EET CHI	08/25/25 09:24

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:50
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:22
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:45
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:25
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:38
Total/NA	Analysis	SM 4500 SO4 E		5	831598	TR	EET CHI	08/26/25 14:16

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:52
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:30
Total/NA	Prep	7470A			830983	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:47
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:42
Total/NA	Analysis	SM 4500 SO4 E		1	831598	TR	EET CHI	08/26/25 13:21

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 12:55
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:32
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:53
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		5	830669	TR	EET CHI	08/19/25 10:25
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:45
Total/NA	Analysis	SM 4500 SO4 E		5	831598	TR	EET CHI	08/26/25 13:53

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Client Sample ID: MW-09

Date Collected: 08/14/25 08:56

Date Received: 08/15/25 09:10

Lab Sample ID: 500-272952-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 13:02
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:35
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 08:55
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:04
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 15:51
Total/NA	Analysis	SM 4500 SO4 E		2	831598	TR	EET CHI	08/26/25 13:52

Client Sample ID: MW-19

Date Collected: 08/14/25 08:16

Date Received: 08/15/25 09:10

Lab Sample ID: 500-272952-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831327	RN	EET CHI	08/22/25 13:05
Total Recoverable	Prep	3005A			830494	MS	EET CHI	08/18/25 13:25 - 08/18/25 19:25 ¹
Total Recoverable	Analysis	6020B		1	831488	RN	EET CHI	08/25/25 15:37
Total/NA	Prep	7470A			830984	MJG	EET CHI	08/21/25 09:55 - 08/21/25 11:55 ¹
Total/NA	Analysis	7470A		1	831179	MJG	EET CHI	08/22/25 09:00
Total/NA	Analysis	SM 2540C		1	830623	NM	EET CHI	08/19/25 09:58
Total/NA	Analysis	SM 4500 Cl- E		1	830669	TR	EET CHI	08/19/25 10:05
Total/NA	Analysis	SM 4500 F C		1	830541	AC	EET CHI	08/18/25 16:07
Total/NA	Analysis	SM 4500 SO4 E		2	831598	TR	EET CHI	08/26/25 13:52

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-272952-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

- 1
- 2
- 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 09/16/25 14:33:54

JOB DESCRIPTION

Powerton CCR Desc. Qrtly Powerton CCR Samp. (RAD)

JOB NUMBER

500-272952-2

Eurofins Chicago

Job Notes

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Authorization



Generated
09/16/25 14:33:54

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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR Desc. Qrtly Powerton CCR Samp. (RAD)

Job ID: 500-272952-2

Job ID: 500-272952-2

Eurofins Chicago

Job Narrative 500-272952-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/12/2025 9:20 AM, 8/13/2025 9:10 AM, 8/14/2025 9:30 AM and 8/15/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were -0.6°C, 1.3°C, 1.8°C, 1.9°C, 2.2°C, 2.8°C, 2.9°C and 4.3°C.

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 732653:

The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. MW-18 (500-272952-19) and (MB 160-732653/1-A)

Method 904.0: Radium 228 Batch 732653:

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. MW-18A (500-272952-18)

Method 904.0: Radium-228 batch 732649

The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-732649/2-A)

Method 904.0: Radium 228 Batch 732128:

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. MW-07 (500-272952-7) and MW-10 (500-272952-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272952-1	MW-21D	Water	08/11/25 14:16	08/12/25 09:20	Illinois
500-272952-2	MW-22	Water	08/11/25 13:39	08/12/25 09:20	Illinois
500-272952-3	MW-01	Water	08/12/25 14:39	08/13/25 09:10	Illinois
500-272952-4	MW-14	Water	08/12/25 10:39	08/13/25 09:10	Illinois
500-272952-5	MW-15	Water	08/12/25 12:23	08/13/25 09:10	Illinois
500-272952-6	MW-06	Water	08/12/25 09:44	08/13/25 09:10	Illinois
500-272952-7	MW-07	Water	08/12/25 08:44	08/13/25 09:10	Illinois
500-272952-8	MW-10	Water	08/12/25 13:36	08/13/25 09:10	Illinois
500-272952-9	Duplicate	Water	08/12/25 00:00	08/13/25 09:10	Illinois
500-272952-10	Duplicate 2	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-11	Duplicate 3	Water	08/13/25 00:00	08/14/25 09:30	Illinois
500-272952-12	MW-05	Water	08/13/25 14:26	08/14/25 09:30	Illinois
500-272952-13	MW-04	Water	08/13/25 13:09	08/14/25 09:30	Illinois
500-272952-14	MW-03	Water	08/13/25 11:52	08/14/25 09:30	Illinois
500-272952-15	MW-02	Water	08/13/25 10:58	08/14/25 09:30	Illinois
500-272952-16	MW-11	Water	08/13/25 10:02	08/14/25 09:30	Illinois
500-272952-17	MW-12R	Water	08/13/25 08:37	08/14/25 09:30	Illinois
500-272952-18	MW-18A	Water	08/14/25 12:48	08/15/25 09:10	Illinois
500-272952-19	MW-18	Water	08/14/25 12:07	08/15/25 09:10	Illinois
500-272952-20	MW-16	Water	08/14/25 11:01	08/15/25 09:10	Illinois
500-272952-21	MW-08	Water	08/14/25 10:07	08/15/25 09:10	Illinois
500-272952-22	MW-09	Water	08/14/25 08:56	08/15/25 09:10	Illinois
500-272952-23	MW-19	Water	08/14/25 08:16	08/15/25 09:10	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.143		0.0848	0.0857	1.00	0.111	pCi/L	08/15/25 08:21	09/08/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/15/25 08:21	09/08/25 07:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.628		0.382	0.386	1.00	0.554	pCi/L	08/15/25 08:35	08/28/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/15/25 08:35	08/28/25 11:57	1
Y Carrier	82.6		30 - 110					08/15/25 08:35	08/28/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.771		0.391	0.395	5.00	0.554	pCi/L		09/09/25 14:46	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.143		0.0990	0.0998	1.00	0.142	pCi/L	08/15/25 08:21	09/08/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/15/25 08:21	09/08/25 07:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.684		0.392	0.397	1.00	0.565	pCi/L	08/15/25 08:35	08/28/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/15/25 08:35	08/28/25 11:58	1
Y Carrier	84.5		30 - 110					08/15/25 08:35	08/28/25 11:58	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.827		0.404	0.409	5.00	0.565	pCi/L		09/09/25 14:46	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0441	U	0.191	0.191	1.00	0.369	pCi/L	08/15/25 08:37	09/14/25 13:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/15/25 08:37	09/14/25 13:19	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.372	U	0.381	0.382	1.00	0.613	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	87.9		30 - 110					08/15/25 08:41	09/14/25 14:37	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.416	U	0.426	0.427	5.00	0.613	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.110	U	0.192	0.192	1.00	0.339	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/15/25 08:37	09/14/25 13:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.257	U	0.392	0.393	1.00	0.667	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	81.1		30 - 110					08/15/25 08:41	09/14/25 14:37	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.368	U	0.436	0.437	5.00	0.667	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.109	U	0.216	0.217	1.00	0.390	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					08/15/25 08:37	09/14/25 13:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0599	U	0.419	0.419	1.00	0.811	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	79.6		30 - 110					08/15/25 08:41	09/14/25 14:37	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0490	U	0.471	0.472	5.00	0.811	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.476		0.297	0.300	1.00	0.401	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					08/15/25 08:37	09/14/25 13:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.874		0.413	0.421	1.00	0.557	pCi/L	08/15/25 08:41	09/14/25 11:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					08/15/25 08:41	09/14/25 11:34	1
Y Carrier	79.3		30 - 110					08/15/25 08:41	09/14/25 11:34	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.35		0.509	0.517	5.00	0.557	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.646	U	0.489	0.493	1.00	0.672	pCi/L	08/15/25 08:37	09/14/25 13:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110					08/15/25 08:37	09/14/25 13:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.369	U G	0.794	0.795	1.00	1.62	pCi/L	08/15/25 08:41	09/14/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110					08/15/25 08:41	09/14/25 14:37	1
Y Carrier	81.9		30 - 110					08/15/25 08:41	09/14/25 14:37	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.277	U	0.933	0.935	5.00	1.62	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.422	U	0.377	0.379	1.00	0.578	pCi/L	08/15/25 08:37	09/14/25 13:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					08/15/25 08:37	09/14/25 13:32	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.49	G	0.904	0.932	1.00	1.09	pCi/L	08/15/25 08:41	09/14/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					08/15/25 08:41	09/14/25 14:44	1
Y Carrier	78.1		30 - 110					08/15/25 08:41	09/14/25 14:44	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.91		0.979	1.01	5.00	1.09	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.422		0.264	0.267	1.00	0.349	pCi/L	08/15/25 08:37	09/14/25 13:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/15/25 08:37	09/14/25 13:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.965		0.394	0.404	1.00	0.494	pCi/L	08/15/25 08:41	09/14/25 11:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/15/25 08:41	09/14/25 11:36	1
Y Carrier	78.5		30 - 110					08/15/25 08:41	09/14/25 11:36	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.39		0.474	0.484	5.00	0.494	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.305		0.191	0.193	1.00	0.252	pCi/L	08/18/25 08:17	09/15/25 09:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:17	09/15/25 09:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.613		0.398	0.402	1.00	0.593	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	76.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.918		0.441	0.446	5.00	0.593	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.184	U	0.149	0.150	1.00	0.210	pCi/L	08/18/25 08:17	09/15/25 09:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/18/25 08:17	09/15/25 09:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.980		0.424	0.434	1.00	0.578	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	83.4		30 - 110					08/18/25 08:20	09/14/25 11:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.16		0.449	0.459	5.00	0.578	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.152	U	0.173	0.174	1.00	0.281	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					08/18/25 08:17	09/15/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0249	U	0.447	0.447	1.00	0.824	pCi/L	08/18/25 08:20	09/14/25 14:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					08/18/25 08:20	09/14/25 14:48	1
Y Carrier	82.6		30 - 110					08/18/25 08:20	09/14/25 14:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.177	U	0.479	0.480	5.00	0.824	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.218	U	0.176	0.177	1.00	0.256	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/18/25 08:17	09/15/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.820		0.362	0.370	1.00	0.479	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	90.5		30 - 110					08/18/25 08:20	09/14/25 11:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.04		0.403	0.410	5.00	0.479	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.193	U	0.177	0.178	1.00	0.272	pCi/L	08/18/25 08:17	09/15/25 09:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/18/25 08:17	09/15/25 09:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.737		0.390	0.396	1.00	0.546	pCi/L	08/18/25 08:20	09/14/25 11:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/18/25 08:20	09/14/25 11:48	1
Y Carrier	79.6		30 - 110					08/18/25 08:20	09/14/25 11:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.930		0.428	0.434	5.00	0.546	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.272	U	0.207	0.209	1.00	0.305	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.551	0.552	1.00	0.948	pCi/L	08/18/25 08:20	09/14/25 14:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/18/25 08:20	09/14/25 14:50	1
Y Carrier	76.6		30 - 110					08/18/25 08:20	09/14/25 14:50	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.576	U	0.589	0.590	5.00	0.948	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.187	U	0.172	0.172	1.00	0.262	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.391	U	0.494	0.495	1.00	0.820	pCi/L	08/18/25 08:20	09/14/25 14:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/18/25 08:20	09/14/25 14:50	1
Y Carrier	86.7		30 - 110					08/18/25 08:20	09/14/25 14:50	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.578	U	0.523	0.524	5.00	0.820	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.192	U	0.166	0.166	1.00	0.246	pCi/L	08/18/25 08:17	09/15/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/18/25 08:17	09/15/25 09:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.539	U	0.365	0.368	1.00	0.545	pCi/L	08/18/25 08:20	09/14/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/18/25 08:20	09/14/25 11:49	1
Y Carrier	80.7		30 - 110					08/18/25 08:20	09/14/25 11:49	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.731		0.401	0.404	5.00	0.545	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.28		0.525	0.537	1.00	0.600	pCi/L	08/19/25 08:29	09/11/25 18:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.2		30 - 110					08/19/25 08:29	09/11/25 18:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.858	U G	0.761	0.765	1.00	1.19	pCi/L	08/19/25 08:46	09/11/25 15:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.2		30 - 110					08/19/25 08:46	09/11/25 15:53	1
Y Carrier	89.7		30 - 110					08/19/25 08:46	09/11/25 15:53	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.13		0.925	0.935	5.00	1.19	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.262	U	0.270	0.271	1.00	0.429	pCi/L	08/19/25 08:29	09/11/25 18:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					08/19/25 08:29	09/11/25 18:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00788	U G	0.542	0.542	1.00	1.01	pCi/L	08/19/25 08:46	09/11/25 15:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					08/19/25 08:46	09/11/25 15:54	1
Y Carrier	94.2		30 - 110					08/19/25 08:46	09/11/25 15:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.270	U	0.606	0.606	5.00	1.01	pCi/L		09/15/25 13:05	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0850	U	0.198	0.198	1.00	0.357	pCi/L	08/19/25 08:14	09/12/25 18:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/19/25 08:14	09/12/25 18:49	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.950		0.441	0.450	1.00	0.602	pCi/L	08/19/25 08:27	09/12/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					08/19/25 08:27	09/12/25 11:53	1
Y Carrier	81.9		30 - 110					08/19/25 08:27	09/12/25 11:53	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.04		0.483	0.492	5.00	0.602	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.202	0.203	1.00	0.294	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.686		0.453	0.457	1.00	0.680	pCi/L	08/19/25 08:27	09/12/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/19/25 08:27	09/12/25 11:52	1
Y Carrier	78.9		30 - 110					08/19/25 08:27	09/12/25 11:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.934		0.496	0.500	5.00	0.680	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0793	U	0.139	0.139	1.00	0.248	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.07		0.471	0.481	1.00	0.645	pCi/L	08/19/25 08:27	09/12/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					08/19/25 08:27	09/12/25 11:54	1
Y Carrier	80.4		30 - 110					08/19/25 08:27	09/12/25 11:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.15		0.491	0.501	5.00	0.645	pCi/L		09/16/25 09:11	1

Client Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.214	U	0.218	0.219	1.00	0.346	pCi/L	08/19/25 08:14	09/12/25 18:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					08/19/25 08:14	09/12/25 18:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.19		0.559	0.594	1.00	0.549	pCi/L	08/19/25 08:27	09/12/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					08/19/25 08:27	09/12/25 11:54	1
Y Carrier	75.9		30 - 110					08/19/25 08:27	09/12/25 11:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.41		0.600	0.633	5.00	0.549	pCi/L		09/16/25 09:11	1

Definitions/Glossary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Rad

Prep Batch: 732119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	PrecSep-21	
500-272952-2	MW-22	Total/NA	Water	PrecSep-21	
MB 160-732119/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732119/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-1	MW-21D	Total/NA	Water	PrecSep_0	
500-272952-2	MW-22	Total/NA	Water	PrecSep_0	
MB 160-732125/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732125/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	PrecSep-21	
500-272952-4	MW-14	Total/NA	Water	PrecSep-21	
500-272952-5	MW-15	Total/NA	Water	PrecSep-21	
500-272952-6	MW-06	Total/NA	Water	PrecSep-21	
500-272952-7	MW-07	Total/NA	Water	PrecSep-21	
500-272952-8	MW-10	Total/NA	Water	PrecSep-21	
500-272952-9	Duplicate	Total/NA	Water	PrecSep-21	
MB 160-732127/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732127/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-3	MW-01	Total/NA	Water	PrecSep_0	
500-272952-4	MW-14	Total/NA	Water	PrecSep_0	
500-272952-5	MW-15	Total/NA	Water	PrecSep_0	
500-272952-6	MW-06	Total/NA	Water	PrecSep_0	
500-272952-7	MW-07	Total/NA	Water	PrecSep_0	
500-272952-8	MW-10	Total/NA	Water	PrecSep_0	
500-272952-9	Duplicate	Total/NA	Water	PrecSep_0	
MB 160-732128/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732128/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	PrecSep-21	
500-272952-11	Duplicate 3	Total/NA	Water	PrecSep-21	
500-272952-12	MW-05	Total/NA	Water	PrecSep-21	
500-272952-13	MW-04	Total/NA	Water	PrecSep-21	
500-272952-14	MW-03	Total/NA	Water	PrecSep-21	
500-272952-15	MW-02	Total/NA	Water	PrecSep-21	
500-272952-16	MW-11	Total/NA	Water	PrecSep-21	
500-272952-17	MW-12R	Total/NA	Water	PrecSep-21	
MB 160-732417/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732417/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Rad

Prep Batch: 732418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-10	Duplicate 2	Total/NA	Water	PrecSep_0	
500-272952-11	Duplicate 3	Total/NA	Water	PrecSep_0	
500-272952-12	MW-05	Total/NA	Water	PrecSep_0	
500-272952-13	MW-04	Total/NA	Water	PrecSep_0	
500-272952-14	MW-03	Total/NA	Water	PrecSep_0	
500-272952-15	MW-02	Total/NA	Water	PrecSep_0	
500-272952-16	MW-11	Total/NA	Water	PrecSep_0	
500-272952-17	MW-12R	Total/NA	Water	PrecSep_0	
MB 160-732418/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732418/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	PrecSep-21	
500-272952-21	MW-08	Total/NA	Water	PrecSep-21	
500-272952-22	MW-09	Total/NA	Water	PrecSep-21	
500-272952-23	MW-19	Total/NA	Water	PrecSep-21	
MB 160-732648/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732648/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-20	MW-16	Total/NA	Water	PrecSep_0	
500-272952-21	MW-08	Total/NA	Water	PrecSep_0	
500-272952-22	MW-09	Total/NA	Water	PrecSep_0	
500-272952-23	MW-19	Total/NA	Water	PrecSep_0	
MB 160-732649/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732649/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	PrecSep-21	
500-272952-19	MW-18	Total/NA	Water	PrecSep-21	
MB 160-732650/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732650/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272952-18	MW-18A	Total/NA	Water	PrecSep_0	
500-272952-19	MW-18	Total/NA	Water	PrecSep_0	
MB 160-732653/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732653/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732119/1-A

Matrix: Water

Analysis Batch: 735046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732119

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.008302	U	0.0478	0.0478	1.00	0.105	pCi/L	08/15/25 08:21	09/08/25 07:55	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/15/25 08:21	09/08/25 07:55	1

Lab Sample ID: LCS 160-732119/2-A

Matrix: Water

Analysis Batch: 735046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732119

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.081		0.975	1.00	0.141	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.8		30 - 110							

Lab Sample ID: MB 160-732127/1-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732127

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.3250	U	0.251	0.253	1.00	0.360	pCi/L	08/15/25 08:37	09/14/25 13:16	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.4		30 - 110					08/15/25 08:37	09/14/25 13:16	1

Lab Sample ID: LCS 160-732127/2-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732127

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.534		1.33	1.00	0.483	pCi/L	100	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	82.4		30 - 110							

Lab Sample ID: MB 160-732417/1-A

Matrix: Water

Analysis Batch: 736056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732417

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2800		0.185	0.187	1.00	0.251	pCi/L	08/18/25 08:17	09/15/25 07:59	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-732417/1-A

Matrix: Water

Analysis Batch: 736056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732417

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110	08/18/25 08:17	09/15/25 07:59	1

Lab Sample ID: LCS 160-732417/2-A

Matrix: Water

Analysis Batch: 736056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732417

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.166		1.17	1.00	0.334	pCi/L	96	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.0		30 - 110

Lab Sample ID: MB 160-732648/1-A

Matrix: Water

Analysis Batch: 735768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732648

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07777	U	0.163	0.163	1.00	0.296	pCi/L	08/19/25 08:14	09/12/25 18:49	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110	08/19/25 08:14	09/12/25 18:49	1

Lab Sample ID: LCS 160-732648/2-A

Matrix: Water

Analysis Batch: 735768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732648

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.343		1.15	1.00	0.400	pCi/L	87	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.4		30 - 110

Lab Sample ID: MB 160-732650/1-A

Matrix: Water

Analysis Batch: 735578

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732650

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1628	U	0.178	0.179	1.00	0.284	pCi/L	08/19/25 08:29	09/11/25 18:48	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110	08/19/25 08:29	09/11/25 18:48	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-732650/2-A

Matrix: Water

Analysis Batch: 735578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732650

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.211		1.24	1.00	0.308	pCi/L	96	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.6		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732125/1-A

Matrix: Water

Analysis Batch: 734027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8413		0.407	0.414	1.00	0.560	pCi/L	08/15/25 08:35	08/28/25 11:57	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	86.6		30 - 110							
Y Carrier	84.1		30 - 110							
								Prepared	Analyzed	Dil Fac
								08/15/25 08:35	08/28/25 11:57	1
								08/15/25 08:35	08/28/25 11:57	1

Lab Sample ID: LCS 160-732125/2-A

Matrix: Water

Analysis Batch: 734027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732125

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.12	10.50		1.38	1.00	0.467	pCi/L	115	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	88.2		30 - 110							

Lab Sample ID: MB 160-732128/1-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732128

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6017	U	0.521	0.524	1.00	0.823	pCi/L	08/15/25 08:41	09/14/25 14:35	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	82.4		30 - 110							
Y Carrier	83.7		30 - 110							
								Prepared	Analyzed	Dil Fac
								08/15/25 08:41	09/14/25 14:35	1
								08/15/25 08:41	09/14/25 14:35	1

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-732128/2-A

Matrix: Water

Analysis Batch: 735903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732128

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.07	11.32		1.48	1.00	0.557	pCi/L	125	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.4		30 - 110							
Y Carrier	83.7		30 - 110							

Lab Sample ID: MB 160-732418/1-A

Matrix: Water

Analysis Batch: 735906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732418

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1406	U	0.442	0.442	1.00	0.787	pCi/L	08/18/25 08:20	09/14/25 14:49	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/18/25 08:20	09/14/25 14:49	1
Y Carrier	80.4		30 - 110					08/18/25 08:20	09/14/25 14:49	1

Lab Sample ID: LCS 160-732418/2-A

Matrix: Water

Analysis Batch: 735905

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732418

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.07	9.622		1.32	1.00	0.583	pCi/L	106	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	89.0		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: MB 160-732649/1-A

Matrix: Water

Analysis Batch: 735781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732649

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6919		0.401	0.406	1.00	0.582	pCi/L	08/19/25 08:27	09/12/25 11:53	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					08/19/25 08:27	09/12/25 11:53	1
Y Carrier	84.5		30 - 110					08/19/25 08:27	09/12/25 11:53	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-732649/2-A

Matrix: Water

Analysis Batch: 735781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732649

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.08	11.42		1.50	1.00	0.591	pCi/L	126	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	93.4		30 - 110							
Y Carrier	82.6		30 - 110							

Lab Sample ID: MB 160-732653/1-A

Matrix: Water

Analysis Batch: 735577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 732653

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.5131	U G	0.472	0.475	1.00	1.01	pCi/L	08/19/25 08:46	09/11/25 15:57	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	91.0		30 - 110							
Y Carrier	77.8		30 - 110							
								Prepared	Analyzed	Dil Fac
								08/19/25 08:46	09/11/25 15:57	1
								08/19/25 08:46	09/11/25 15:57	1

Lab Sample ID: LCS 160-732653/2-A

Matrix: Water

Analysis Batch: 735577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 732653

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.08	9.816		1.35	1.00	0.592	pCi/L	108	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	86.6		30 - 110							
Y Carrier	81.5		30 - 110							

MKE 232



1. ANALYSIS 2. SYNTHESIS

Client Information						Sampler Jack Misner		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-138954-53342 2							
Client Contact: Kaelyn Sperle						Phone 262-672-1143		E Mail Diana Mockler@et.eurofinsus.com		State of Origin IL		Page Page 1 of 1							
Company KPRG and Associates, Inc.						PWSID		Analysis Requested											
Address 14665 West Lisbon Road, Suite 1A						Due Date Requested		 500-272952 COC											
City Brookfield						TAT Requested (days) Standard													
State Zip WI, 53005						Compliance Project Δ Yes Δ No													
Phone 262-781-0475(Tel)						PO # 4502190231													
Email kaelyns@kprginc.com						WO #		Other											
Project Name Powerton CCR Event Desc. Quarterly Powerton CCR Sampling						Project # 50011612													
Site Powerton Station						SSOW#													
Sample Identification						Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered 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:		
										X	D	D	N	N					
MW-12R									Water										
MW-14									Water										
MW-15									Water										
MW-16									Water										
MW-17									Water										
MW-18									Water										
MW-18A									Water										
MW-19									Water										
MW-21D						8/11/25	1416	G	Water	N	N	X	X	X	X				
MW-22						8/11/25	1339	G	Water	N	N	X	X	X	X				
Duplicate 1									Water										
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I II, III, IV, Other (specify)										Special Instructions/QC Requirements									
Empty Kit Relinquished by						Date		Time				Method of Shipment:							
Relinquished by Jack Misner						Date/Time 8/11/25 1400		Company KPRG				Received by FedEx				Date/Time 8/11/25 1400		Company FedEx	
Relinquished by						Date/Time		Company				Received by DBL				Date/Time 08/12/25 0920		Company EETA	
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 2.1-7/9 4844													

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

MKE 232 eurofins

Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: <u>Mockler, Diana J</u>		Carrier Tracking No(s)		COC No: <u>500-138954-53342 1</u>					
Client Contact: <u>Kaelyn Sperle</u>		Phone: <u>262-622-1143</u>		E Mail: <u>Diana Mockler@et.eurofinsus.com</u>		State of Origin: <u>IL</u>		Page: <u>1 of 1</u>					
Company: <u>KPRG and Associates, Inc</u>		PWSID		Analysis Requested						Job #: <u>12313.1</u>			
Address: <u>14665 West Lisbon Road, Suite 1A</u>		Due Date Requested		Field Filtered Sample (Yes or No) Perform MEMSD (Yes or No) 903.0, 904.0 6020A, 7470A 2540C, 4500_F_C, SM4500_C1_E SM4500_SO4_E - Sulfate						Preservation Codes D HNO3 N None			
City: <u>Brookfield</u>		TAT Requested (days): <u>Standard</u>								Other:			
State: <u>WI</u> Zip: <u>53005</u>		Compliance Project ☐ Yes ☐ No											
Phone: <u>262-781-0475(Tel)</u>		PO #: <u>4502190231</u>											
Email: <u>kaelyns@kprginc.com</u>		WVO #											
Project Name: <u>Powerton CCR Event Desc. Quarterly Powerton CCR Sampling</u>		Project #: <u>50011612</u>											
Site: <u>Powerton Station</u>		SSOW#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air, DW=Drinking Water)	Total Number of containers						Special Instructions/Note:	
						Preservation Code: <u>D D N N</u>							
3	MW-01	8/12/25	1439	G	Water	N	N	X	X	X	X		
4	~~MW-02~~ MW-14	8/12/25	1039	G	Water	N	N	X	X	X	X		
5	~~MW-03~~ MW-15	8/12/25	1223	G	Water	N	N	X	X	X	X		
	~~MW-04~~				Water								
	~~MW-05~~				Water								
6	MW-06	8/12/25	0944	G	Water	N	N	X	X	X	X		
7	MW-07	8/12/25	0844	G	Water	N	N	X	X	X	X		
	~~MW-08~~				Water								
	~~MW-09~~				Water								
8	MW-10	8/12/25	1336	G	Water	N	N	X	X	X	X		
9	~~MW-11~~ Duplicate 1	8/12/25	-	G	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: <u>Jack Misner</u>			Date/Time: <u>8/12/2025 1645</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>			Date/Time: <u>8/12/2025 1645</u>		Company: <u>FedEx</u>	
Relinquished by:			Date/Time:		Company:		Received by: <u>John Smith</u>			Date/Time: <u>8/13/25 0910</u>		Company: <u>RETD</u>	
Relinquished by:			Date/Time:		Company:		Received by:			Date/Time:		Company:	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>4.5-7.4/3, 1.5-2.1/3</u>									

Chain of Custody Record

IVINE 232

Environment Testing

Client Information		Sampler <i>Jack Misner</i>	Lab PM Mockler, Diana J	Carrier Tracking No(s)	COC No: 500-138954-53342 3							
Client Contact: Kaelyn Sperle		Phone: <i>262-622-1143</i>	E-Mail: Diana Mockler@et eurofinsus.com	State of Origin: <i>IL</i>	Page: <i>3 of 1</i>							
Company: KPRG and Associates, Inc.		PWSID:	Analysis Requested									
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:										
City: Brookfield		TAT Requested (days): <i>Standard</i>										
State, Zip: WI, 53005		Compliance Project: Δ Yes Δ No										
Phone: 262-781-0475(Tel)		PO #: 4502190231										
Email: kaelyns@kprginc.com		WO #:										
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 60011612										
Site: <i>Powerton Station</i>		SSOW#:										
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No) Perform MEMSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SIM4500_CL_E	SIM4500_SO4_E - Sulfate	Total Number of Containers	Preservation Codes. D-HNO3 N=None <i>500-272952</i>
Duplicate 2	8/13/25	-	G	Water	N N X X X X	X						
Duplicate 3		-		Water								
MW-Ø5		1426		Water								
MW-Ø4		1309		Water								
MW-Ø3		1152		Water								
MW-Ø2		1058		Water								
MW-11		1002		Water								
MW-12R	8/13/25	0837	G	Water	N N X 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:	Date/Time:	Company	Received by:	Date/Time:	Company							
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company							
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company							
Custody Seals Intact. Δ Yes Δ No	Custody Seal No.,	Cooler Temperature(s) °C and Other Remarks <i>2.1-22.9, 2.0-7.6, 3.0-72.8</i>										

MKE 232

1. kruskal wallis test

Ver: 10/10/2024 09/16/25

ORIGIN ID:PIAA (262) 622-1143

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11AUG25
ACTWGT: 52.60 LB
CAD: 6994779/SSFE2621
DIMS: 24x13x13 IN

BILL THIRD PARTY

Part # 156297-435 RHDW2 EXP 05/26

0 EUROFINS

18410 CROSSING DR STE E



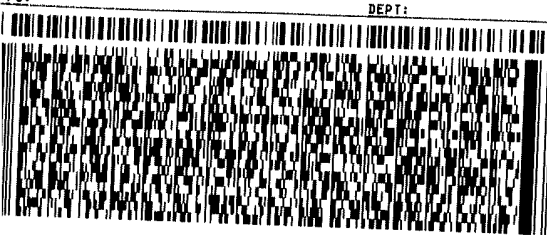
500-272952 Waybi

TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:



FedEx
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PK# 3920 0505 6460

TUE - 12 AUG 10:30A
PRIORITY OVERNIGHT

PK JOTA

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IL-US ORD



ORIGIN ID:PIAA (000)
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

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18410 CROSSI

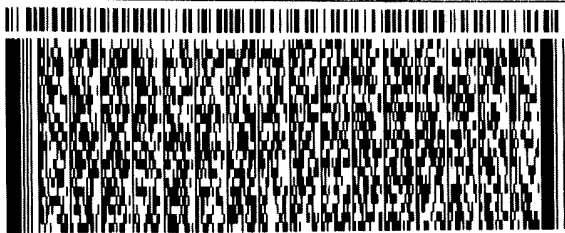
TINLEY PARK IL 60487

(000) 000-0000

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4 of 4

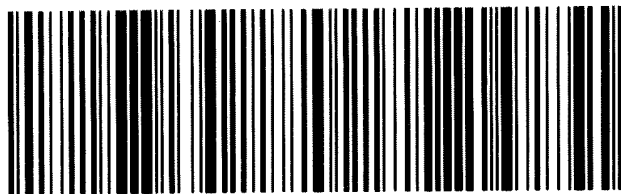
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60.00 LB
94779/SSFE2621
x18x12 IN

RD PARTY



500-272952 Waybi

Part # 156297-435 REF: 12/26

ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E

TINLEY PARK IL 60487

(000) 000-0000

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DEPT:



FedEx
Express



IN 1062905208527

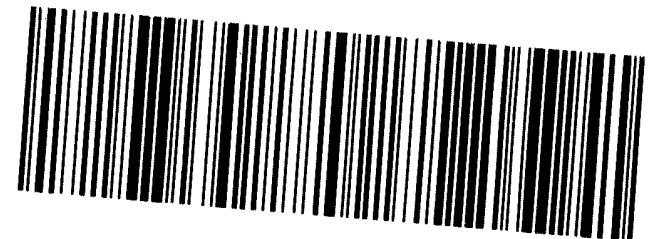
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MPS# 3920 5359 9491
0263
Mstr# 3920 5359 9470

0201

XP JOTA

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IL-US ORD



SHIP DATE: 12AUG25
ACTWT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part # 156297-435 REF: 12/26

415-40

ORIGIN ID:PIAA (000) 000-0000
 KPRG AND ASSOCIATES
 414 PLAZA DR STE 106
 WESTMONT, IL 60559
 UNITED STATES US

SHIP DATE: 13AUG25
 ACTWGT: 60.00 LB
 CAD: 6994779/SSFE2621
 DIMS: 24x18x12 IN
 BILL THIRD PARTY

TO **SAMPLE RECEIVING**
EUROFINS
 18410 CROSSING DR STE E

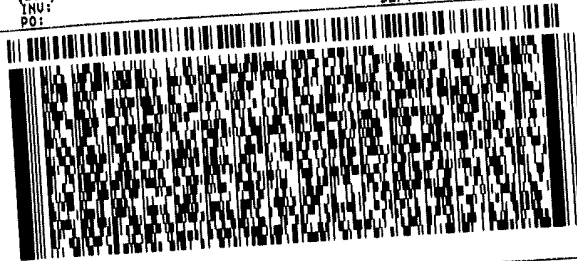
TINLEY PARK IL 60487

(000) 000-0000
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500-272952 Waybi

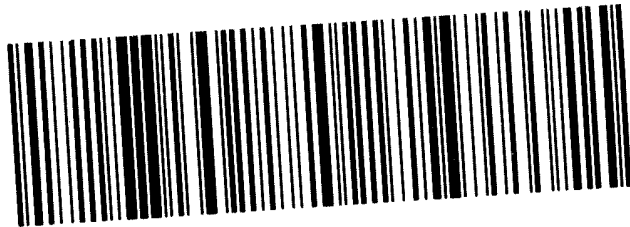


4 of 5
 MPS# 3920 9534 7278
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XP JOTA

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

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ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
 414 PLAZA DR STE 106

WESTMONT, IL 60559
 UNITED STATES US

SHIP DATE: 13AUG25
 ACTWGT: 60.00 LB
 CAD: 6994779/SSFE2621
 DIMS: 24x18x12 IN
 BILL THIRD PARTY

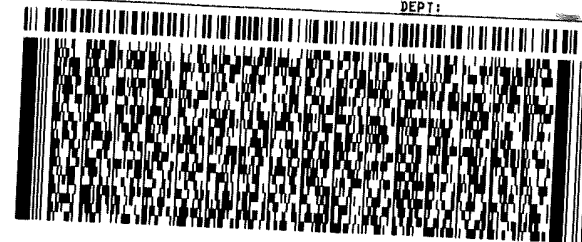
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 18410 CROSSING DR STE E

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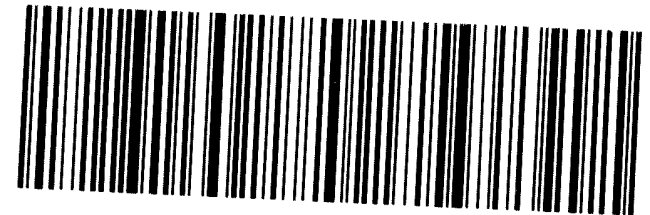


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PRIORITY OVERNIGHT

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 IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13/08/2011
ACTWGT: 60.00 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN
BILL THIRD PARTY

Part 56297-235 TRB/21 Exp 05/26

TO **SAMPLE RECEIVING**
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18410 CROSSING DR STE E

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TINLEY PARK IL 60487

(000) 000-0000
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STE E
TINLEY PARK IL

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PRIORITY OVERNIGHT
415-4019

60487-9287-77

JG 10:30A
VERNIGHT

MPS# 3920 9534
0263
Mstr# 3920 9534 7245

ETP: 1
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SR:PD:100-Y

XP JOTA

60487
IL-US ORD



ORIGIN ID:PIAA (000) 000-0000

KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 14AUG25
ACTWGT: 64.75 LB
CAD: 6994779/SSFE2621
DIMS: 24x18x12 IN

BILL THIRD PARTY

Part # 156297-435

TO **SAMPLE RECEIVING**
EUROFINS
18410 CROSSING DR STE E



TINLEY PARK IL 60487

500-272952 Waybi

(000) 000-0000

REF:

INU:
PO:

DEPT:



FedEx
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3 of 3

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Mstr# 3921 3439 8420

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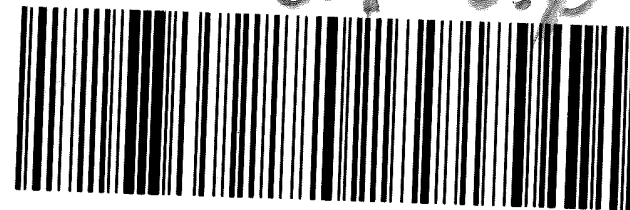
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PRIORITY OVERNIGHT

XP JOTA

60487

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Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)			Lab PM: Mockler, Diana J		Carrier Tracking No(s): 500-210423.1	
Client Contact: Shipping/Receiving			E-Mail: Diana Mockler@et.eurofinsus.com		Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.			Accreditations Required (See note): NELAP - Illinois		Job #: 500-272952-2	
Address: 13715 Rider Trail North, City: Earth City State, Zip: MO, 63045 Phone: 314-298-8586(Tel) 314-298-8757(Fax) Email: N/A			Due Date Requested: 9/3/2025		Preservation Codes: -	
Project Name: Powerton CCR Site: N/A			TAT Requested (days): N/A		Analysis Requested	
PO #: N/A			PO #: N/A		Total Number of Containers	
WO #: N/A			WO #: N/A		Other: N/A	
Project #: 50011612			Project #: 50011612		Special Instructions/Note:	
SSOW#: N/A			SSOW#: N/A		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Sample Identification - Client ID (Lab ID)			Sample Date		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-18A (500-272952-18)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-18 (500-272952-19)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-16 (500-272952-20)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-08 (500-272952-21)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-09 (500-272952-22)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
MW-19 (500-272952-23)			8/14/25		Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs	
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.						
Possible Hazard Identification						
Unconfirmed						
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:			Date:		Method of Shipment:	
Relinquished by: <i>Mauro</i>			Date: 08/15/25		Date/Time: AUG 18 2025 0845	
Relinquished by:			Date/Time:		Date/Time:	
Relinquished by:			Date/Time:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No			Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9,4.3,1.3,2.9,1.8,2.8,-0.6,2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 500-272952-2

Login Number: 272952

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/13/25 11:46 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-272952-2

Login Number: 272952

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/14/25 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-272952-2

Login Number: 272952

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/15/25 01:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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: 500-272952-2

Login Number: 272952

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 08/18/25 12:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	N/A	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-21D

Lab Sample ID: 500-272952-1

Date Collected: 08/11/25 14:16

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 07:56
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	904.0		1	734027	SWS	EET SL	08/28/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: MW-22

Lab Sample ID: 500-272952-2

Date Collected: 08/11/25 13:39

Matrix: Water

Date Received: 08/12/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	903.0		1	735046	FLC	EET SL	09/08/25 07:56
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	904.0		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: MW-01

Lab Sample ID: 500-272952-3

Date Collected: 08/12/25 14:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:19
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-14

Lab Sample ID: 500-272952-4

Date Collected: 08/12/25 10:39

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-15

Lab Sample ID: 500-272952-5

Date Collected: 08/12/25 12:23

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-06

Lab Sample ID: 500-272952-6

Date Collected: 08/12/25 09:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 11:34
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-07

Lab Sample ID: 500-272952-7

Date Collected: 08/12/25 08:44

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735903	SWS	EET SL	09/14/25 13:22
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 14:37
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-10

Lab Sample ID: 500-272952-8

Date Collected: 08/12/25 13:36

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735905	SWS	EET SL	09/14/25 13:32
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735905	SWS	EET SL	09/14/25 14:44
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: Duplicate

Lab Sample ID: 500-272952-9

Date Collected: 08/12/25 00:00

Matrix: Water

Date Received: 08/13/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732127	JTR	EET SL	08/15/25 08:37
Total/NA	Analysis	903.0		1	735905	SWS	EET SL	09/14/25 13:33
Total/NA	Prep	PrecSep_0			732128	JTR	EET SL	08/15/25 08:41
Total/NA	Analysis	904.0		1	735903	SWS	EET SL	09/14/25 11:36
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: Duplicate 2

Lab Sample ID: 500-272952-10

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736056	SWS	EET SL	09/15/25 09:48
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: Duplicate 3

Lab Sample ID: 500-272952-11

Date Collected: 08/13/25 00:00

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736056	SWS	EET SL	09/15/25 09:48
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-05

Lab Sample ID: 500-272952-12

Date Collected: 08/13/25 14:26

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 14:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-04

Lab Sample ID: 500-272952-13

Date Collected: 08/13/25 13:09

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-03

Lab Sample ID: 500-272952-14

Date Collected: 08/13/25 11:52

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:54
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-02

Lab Sample ID: 500-272952-15

Date Collected: 08/13/25 10:58

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735907	SWS	EET SL	09/14/25 14:50
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-11

Lab Sample ID: 500-272952-16

Date Collected: 08/13/25 10:02

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735907	SWS	EET SL	09/14/25 14:50
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-12R

Lab Sample ID: 500-272952-17

Date Collected: 08/13/25 08:37

Matrix: Water

Date Received: 08/14/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732417	JTR	EET SL	08/18/25 08:17
Total/NA	Analysis	903.0		1	736060	SWS	EET SL	09/15/25 09:55
Total/NA	Prep	PrecSep_0			732418	JTR	EET SL	08/18/25 08:20
Total/NA	Analysis	904.0		1	735906	SWS	EET SL	09/14/25 11:49
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-18A

Lab Sample ID: 500-272952-18

Date Collected: 08/14/25 12:48

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732650	JTR	EET SL	08/19/25 08:29
Total/NA	Analysis	903.0		1	735577	SWS	EET SL	09/11/25 18:56
Total/NA	Prep	PrecSep_0			732653	JTR	EET SL	08/19/25 08:46
Total/NA	Analysis	904.0		1	735578	SWS	EET SL	09/11/25 15:53
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-18

Lab Sample ID: 500-272952-19

Date Collected: 08/14/25 12:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732650	JTR	EET SL	08/19/25 08:29
Total/NA	Analysis	903.0		1	735577	SWS	EET SL	09/11/25 18:56
Total/NA	Prep	PrecSep_0			732653	JTR	EET SL	08/19/25 08:46
Total/NA	Analysis	904.0		1	735578	SWS	EET SL	09/11/25 15:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/15/25 13:05

Client Sample ID: MW-16

Lab Sample ID: 500-272952-20

Date Collected: 08/14/25 11:01

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:49
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Client Sample ID: MW-08

Lab Sample ID: 500-272952-21

Date Collected: 08/14/25 10:07

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: MW-09

Lab Sample ID: 500-272952-22

Date Collected: 08/14/25 08:56

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Client Sample ID: MW-19

Lab Sample ID: 500-272952-23

Date Collected: 08/14/25 08:16

Matrix: Water

Date Received: 08/15/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732648	JTR	EET SL	08/19/25 08:14
Total/NA	Analysis	903.0		1	735768	SWS	EET SL	09/12/25 18:51
Total/NA	Prep	PrecSep_0			732649	JTR	EET SL	08/19/25 08:27
Total/NA	Analysis	904.0		1	735781	FLC	EET SL	09/12/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 09:11

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Job ID: 500-272952-2

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
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Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.
(RAD)

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
Lab Sample ID	Client Sample ID	Ba			
		(30-110)			
500-272952-1	MW-21D	83.4			
500-272952-2	MW-22	84.4			
500-272952-3	MW-01	87.5			
500-272952-4	MW-14	88.3			
500-272952-5	MW-15	75.8			
500-272952-6	MW-06	81.9			
500-272952-7	MW-07	73.8			
500-272952-8	MW-10	76.8			
500-272952-9	Duplicate	85.8			
500-272952-10	Duplicate 2	87.0			
500-272952-11	Duplicate 3	88.8			
500-272952-12	MW-05	88.0			
500-272952-13	MW-04	84.6			
500-272952-14	MW-03	85.3			
500-272952-15	MW-02	86.6			
500-272952-16	MW-11	87.0			
500-272952-17	MW-12R	85.8			
500-272952-18	MW-18A	67.2			
500-272952-19	MW-18	70.9			
500-272952-20	MW-16	91.4			
500-272952-21	MW-08	88.5			
500-272952-22	MW-09	95.8			
500-272952-23	MW-19	90.0			
LCS 160-732119/2-A	Lab Control Sample	87.8			
LCS 160-732127/2-A	Lab Control Sample	82.4			
LCS 160-732417/2-A	Lab Control Sample	89.0			
LCS 160-732648/2-A	Lab Control Sample	93.4			
LCS 160-732650/2-A	Lab Control Sample	86.6			
MB 160-732119/1-A	Method Blank	86.6			
MB 160-732127/1-A	Method Blank	82.4			
MB 160-732417/1-A	Method Blank	88.3			
MB 160-732648/1-A	Method Blank	94.4			
MB 160-732650/1-A	Method Blank	91.0			
Tracer/Carrier Legend					
Ba = Ba Carrier					

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
Lab Sample ID	Client Sample ID	Ba	Y		
		(30-110)	(30-110)		
500-272952-1	MW-21D	83.4	82.6		
500-272952-2	MW-22	84.4	84.5		
500-272952-3	MW-01	87.5	87.9		
500-272952-4	MW-14	88.3	81.1		
500-272952-5	MW-15	75.8	79.6		
500-272952-6	MW-06	81.9	79.3		

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-272952-2

Project/Site: Powerton CCR Desc. Qrtly Powerton CCR Samp.

(RAD)

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-272952-7	MW-07	73.8	81.9
500-272952-8	MW-10	76.8	78.1
500-272952-9	Duplicate	85.8	78.5
500-272952-10	Duplicate 2	87.0	76.6
500-272952-11	Duplicate 3	88.8	83.4
500-272952-12	MW-05	88.0	82.6
500-272952-13	MW-04	84.6	90.5
500-272952-14	MW-03	85.3	79.6
500-272952-15	MW-02	86.6	76.6
500-272952-16	MW-11	87.0	86.7
500-272952-17	MW-12R	85.8	80.7
500-272952-18	MW-18A	67.2	89.7
500-272952-19	MW-18	70.9	94.2
500-272952-20	MW-16	91.4	81.9
500-272952-21	MW-08	88.5	78.9
500-272952-22	MW-09	95.8	80.4
500-272952-23	MW-19	90.0	75.9
LCS 160-732125/2-A	Lab Control Sample	87.8	88.2
LCS 160-732128/2-A	Lab Control Sample	82.4	83.7
LCS 160-732418/2-A	Lab Control Sample	89.0	80.7
LCS 160-732649/2-A	Lab Control Sample	93.4	82.6
LCS 160-732653/2-A	Lab Control Sample	86.6	81.5
MB 160-732125/1-A	Method Blank	86.6	84.1
MB 160-732128/1-A	Method Blank	82.4	83.7
MB 160-732418/1-A	Method Blank	88.3	80.4
MB 160-732649/1-A	Method Blank	94.4	84.5
MB 160-732653/1-A	Method Blank	91.0	77.8

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 11/26/25 09:17:28

JOB DESCRIPTION

Powerton CCR 4Q25

JOB NUMBER

500-277704-1

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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11/26/25 09:17:28

Authorized for release by
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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR 4Q25

Job ID: 500-277704-1

Job ID: 500-277704-1

Eurofins Chicago

Job Narrative 500-277704-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/11/2025 7:45 AM, 11/12/2025 9:00 AM, 11/13/2025 9:00 AM, 11/14/2025 9:10 AM and 11/15/2025 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were -0.9°C, 0.4°C, 0.4°C, 3.8°C, 4.1°C, 5.2°C and 5.7°C.

Receipt Exceptions

The cooler containing the samples for 8 and 13 thru 15 was delivered to the laboratory on 11/14/25. "

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-22 (500-277704-23). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate 1 (500-277704-1), MW-04 (500-277704-3), Duplicate 2 (500-277704-7), MW-05 (500-277704-9), MW-07 (500-277704-11), MW-14 (500-277704-16), MW-18A (500-277704-20), (500-277704-B-1-B DU), (500-277704-B-1-C MS), (500-277704-B-1-D MSD) and (500-277704-B-1-A SD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C: The method blank for analytical batch 500-842514 contained Total Dissolved Solids above the reporting limit (RL). Associated sample were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method SM4500_SO4_E: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-843402 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Field Service / Mobile Lab

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 4Q25

Job ID: 500-277704-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 Cl- E	Chloride, Total	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
SM 4500 SO4 E	Sulfate, Total	SM	EET CHI
Field Sampling	Field Sampling	EPA	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, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-277704-1	Duplicate 1	Water	11/10/25 00:00	11/11/25 07:45	Illinois
500-277704-2	MW-02	Water	11/10/25 12:36	11/11/25 07:45	Illinois
500-277704-3	MW-04	Water	11/10/25 11:30	11/11/25 07:45	Illinois
500-277704-4	MW-01	Water	11/11/25 12:51	11/12/25 09:00	Illinois
500-277704-5	MW-03	Water	11/11/25 11:44	11/12/25 09:00	Illinois
500-277704-6	MW-10	Water	11/11/25 13:50	11/12/25 09:00	Illinois
500-277704-7	Duplicate 2	Water	11/11/25 00:00	11/12/25 09:00	Illinois
500-277704-8	Duplicate 3	Water	11/12/25 00:00	11/14/25 09:10	Illinois
500-277704-9	MW-05	Water	11/11/25 10:35	11/13/25 09:00	Illinois
500-277704-10	MW-06	Water	11/12/25 09:24	11/13/25 09:00	Illinois
500-277704-11	MW-07	Water	11/12/25 08:30	11/13/25 09:00	Illinois
500-277704-12	MW-08	Water	11/12/25 10:12	11/13/25 09:00	Illinois
500-277704-13	MW-09	Water	11/12/25 11:25	11/14/25 09:10	Illinois
500-277704-14	MW-12R	Water	11/12/25 13:00	11/14/25 09:10	Illinois
500-277704-15	MW-11	Water	11/12/25 13:50	11/14/25 09:10	Illinois
500-277704-16	MW-14	Water	11/11/25 08:32	11/15/25 10:05	Illinois
500-277704-17	MW-15	Water	11/11/25 09:34	11/15/25 10:05	Illinois
500-277704-18	MW-16	Water	11/13/25 08:38	11/15/25 10:05	Illinois
500-277704-19	MW-18	Water	11/13/25 10:48	11/15/25 10:05	Illinois
500-277704-20	MW-18A	Water	11/13/25 11:17	11/15/25 10:05	Illinois
500-277704-21	MW-19	Water	11/13/25 13:56	11/15/25 10:05	Illinois
500-277704-22	MW-21D	Water	11/13/25 13:08	11/15/25 10:05	Illinois
500-277704-23	MW-22	Water	11/13/25 12:30	11/15/25 10:05	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-277704-1

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 07:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Barium	88		2.5		ug/L		11/17/25 13:45	11/19/25 15:21	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Boron	3400		250		ug/L		11/17/25 13:45	11/25/25 12:30	5
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:21	1
Calcium	130		0.20		mg/L		11/17/25 13:45	11/19/25 15:21	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:21	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:21	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:21	1
Selenium	24		2.5		ug/L		11/17/25 13:45	11/19/25 15:21	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	830	B	10		mg/L			11/11/25 08:42	1
Chloride (SM 4500 Cl- E)	73		4.0		mg/L			11/16/25 10:18	2
Fluoride (SM 4500 F C)	0.18		0.10		mg/L			11/17/25 10:33	1
Sulfate (SM 4500 SO4 E)	130		25		mg/L			11/16/25 14:00	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-02

Lab Sample ID: 500-277704-2

Date Collected: 11/10/25 12:36

Matrix: Water

Date Received: 11/11/25 07:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Barium	85		2.5		ug/L		11/17/25 13:45	11/19/25 15:32	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Boron	1400		50		ug/L		11/17/25 13:45	11/25/25 12:41	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:32	1
Calcium	98		0.20		mg/L		11/17/25 13:45	11/19/25 15:32	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:32	1
Lithium	10		10		ug/L		11/17/25 13:45	11/19/25 15:32	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:32	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:32	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520	B	10		mg/L			11/11/25 08:44	1
Chloride (SM 4500 Cl- E)	55	F1	4.0		mg/L			11/16/25 10:18	2
Fluoride (SM 4500 F C)	0.17		0.10		mg/L			11/17/25 10:37	1
Sulfate (SM 4500 SO4 E)	49		10		mg/L			11/16/25 13:22	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			11/10/25 12:36	1
Field Temperature	55.9				Degrees F			11/10/25 12:36	1
Groundwater Elevation	431.11				ft			11/10/25 12:36	1
Oxidation Reduction Potential	93.6				millivolts			11/10/25 12:36	1
Oxygen, Dissolved	0.82				mg/L			11/10/25 12:36	1
Specific Conductance	0.829				mS/cm			11/10/25 12:36	1
Turbidity	22.32				NTU			11/10/25 12:36	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-04

Lab Sample ID: 500-277704-3

Date Collected: 11/10/25 11:30

Matrix: Water

Date Received: 11/11/25 07:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Barium	88		2.5		ug/L		11/17/25 13:45	11/19/25 15:39	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Boron	3200		250		ug/L		11/17/25 13:45	11/25/25 12:48	5
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:39	1
Calcium	130		0.20		mg/L		11/17/25 13:45	11/19/25 15:39	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:39	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:39	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:39	1
Selenium	23		2.5		ug/L		11/17/25 13:45	11/19/25 15:39	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	730	B	10		mg/L			11/11/25 08:47	1
Chloride (SM 4500 Cl- E)	74		4.0		mg/L			11/16/25 11:13	2
Fluoride (SM 4500 F C)	0.19		0.10		mg/L			11/17/25 10:41	1
Sulfate (SM 4500 SO4 E)	130		25		mg/L			11/16/25 13:23	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.72				SU			11/10/25 11:30	1
Field Temperature	58.6				Degrees F			11/10/25 11:30	1
Groundwater Elevation	430.69				ft			11/10/25 11:30	1
Oxidation Reduction Potential	122.0				millivolts			11/10/25 11:30	1
Oxygen, Dissolved	7.66				mg/L			11/10/25 11:30	1
Specific Conductance	1.170				mS/cm			11/10/25 11:30	1
Turbidity	26.73				NTU			11/10/25 11:30	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-01

Lab Sample ID: 500-277704-4

Date Collected: 11/11/25 12:51

Matrix: Water

Date Received: 11/12/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Barium	100		2.5		ug/L		11/17/25 13:45	11/19/25 15:41	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Boron	1000		50		ug/L		11/17/25 13:45	11/25/25 12:50	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:41	1
Calcium	120		0.20		mg/L		11/17/25 13:45	11/19/25 15:41	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:41	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:41	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:41	1
Selenium	4.0		2.5		ug/L		11/17/25 13:45	11/19/25 15:41	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	540		10		mg/L			11/17/25 03:19	1
Chloride (SM 4500 Cl- E)	62		4.0		mg/L			11/16/25 11:13	2
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			11/17/25 10:45	1
Sulfate (SM 4500 SO4 E)	45		5.0		mg/L			11/16/25 13:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.87				SU			11/11/25 12:51	1
Field Temperature	58.6				Degrees F			11/11/25 12:51	1
Groundwater Elevation	434.72				ft			11/11/25 12:51	1
Oxidation Reduction Potential	56.5				millivolts			11/11/25 12:51	1
Oxygen, Dissolved	4.78				mg/L			11/11/25 12:51	1
Specific Conductance	0.983				mS/cm			11/11/25 12:51	1
Turbidity	22.84				NTU			11/11/25 12:51	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-03

Lab Sample ID: 500-277704-5

Date Collected: 11/11/25 11:44

Matrix: Water

Date Received: 11/12/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Barium	140		2.5		ug/L		11/17/25 13:45	11/19/25 15:43	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Boron	420		50		ug/L		11/17/25 13:45	11/25/25 12:53	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:43	1
Calcium	97		0.20		mg/L		11/17/25 13:45	11/19/25 15:43	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:43	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:43	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:43	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:43	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	460		10		mg/L			11/17/25 03:22	1
Chloride (SM 4500 Cl- E)	63		4.0		mg/L			11/16/25 11:13	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			11/17/25 10:50	1
Sulfate (SM 4500 SO4 E)	60		10		mg/L			11/16/25 13:55	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			11/11/25 11:44	1
Field Temperature	55.4				Degrees F			11/11/25 11:44	1
Groundwater Elevation	429.23				ft			11/11/25 11:44	1
Oxidation Reduction Potential	25.1				millivolts			11/11/25 11:44	1
Oxygen, Dissolved	0.52				mg/L			11/11/25 11:44	1
Specific Conductance	0.840				mS/cm			11/11/25 11:44	1
Turbidity	21.95				NTU			11/11/25 11:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-10

Lab Sample ID: 500-277704-6

Date Collected: 11/11/25 13:50

Matrix: Water

Date Received: 11/12/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Arsenic	1.3		1.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Barium	210		2.5		ug/L		11/17/25 13:45	11/19/25 15:46	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Boron	1400		50		ug/L		11/17/25 13:45	11/25/25 12:55	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:46	1
Calcium	100		0.20		mg/L		11/17/25 13:45	11/19/25 15:46	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Cobalt	4.7		1.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Lead	1.3		0.50		ug/L		11/17/25 13:45	11/19/25 15:46	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:46	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:46	1
Selenium	5.1		2.5		ug/L		11/17/25 13:45	11/19/25 15:46	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	520		10		mg/L			11/17/25 03:25	1
Chloride (SM 4500 Cl- E)	56		4.0		mg/L			11/16/25 11:14	2
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			11/17/25 10:54	1
Sulfate (SM 4500 SO4 E)	63		10		mg/L			11/16/25 13:55	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			11/11/25 13:50	1
Field Temperature	54.7				Degrees F			11/11/25 13:50	1
Groundwater Elevation	435.39				ft			11/11/25 13:50	1
Oxidation Reduction Potential	61.3				millivolts			11/11/25 13:50	1
Oxygen, Dissolved	4.30				mg/L			11/11/25 13:50	1
Specific Conductance	0.888				mS/cm			11/11/25 13:50	1
Turbidity	25.91				NTU			11/11/25 13:50	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-277704-7

Date Collected: 11/11/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Barium	69		2.5		ug/L		11/17/25 13:45	11/19/25 15:48	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Boron	3500		250		ug/L		11/17/25 13:45	11/25/25 12:57	5
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:48	1
Calcium	110		0.20		mg/L		11/17/25 13:45	11/19/25 15:48	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:48	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:48	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:48	1
Selenium	6.0		2.5		ug/L		11/17/25 13:45	11/19/25 15:48	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			11/17/25 03:27	1
Chloride (SM 4500 Cl- E)	63		4.0		mg/L			11/16/25 11:14	2
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			11/17/25 11:06	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			11/16/25 13:56	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: Duplicate 3

Lab Sample ID: 500-277704-8

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/14/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Arsenic	2.5		1.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Barium	130		2.5		ug/L		11/17/25 13:45	11/19/25 15:50	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Boron	410		50		ug/L		11/17/25 13:45	11/25/25 12:59	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:50	1
Calcium	120		0.20		mg/L		11/17/25 13:45	11/19/25 15:50	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:50	1
Lithium	18		10		ug/L		11/17/25 13:45	11/19/25 15:50	1
Molybdenum	7.1		5.0		ug/L		11/17/25 13:45	11/19/25 15:50	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:50	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	770		10		mg/L			11/18/25 04:14	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			11/16/25 11:14	5
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			11/17/25 11:10	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			11/16/25 13:56	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-05

Lab Sample ID: 500-277704-9

Date Collected: 11/11/25 10:35

Matrix: Water

Date Received: 11/13/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Barium	73		2.5		ug/L		11/17/25 13:45	11/19/25 15:52	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Boron	3400		250		ug/L		11/17/25 13:45	11/25/25 13:02	5
Cadmium	0.55		0.50		ug/L		11/17/25 13:45	11/19/25 15:52	1
Calcium	100		0.20		mg/L		11/17/25 13:45	11/19/25 15:52	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Lead	0.52		0.50		ug/L		11/17/25 13:45	11/19/25 15:52	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:52	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:52	1
Selenium	6.3		2.5		ug/L		11/17/25 13:45	11/19/25 15:52	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			11/17/25 03:30	1
Chloride (SM 4500 Cl- E)	64		4.0		mg/L			11/16/25 11:15	2
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			11/17/25 11:13	1
Sulfate (SM 4500 SO4 E)	150		25		mg/L			11/16/25 13:56	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.91				SU			11/11/25 10:35	1
Field Temperature	58.1				Degrees F			11/11/25 10:35	1
Groundwater Elevation	431.59				ft			11/11/25 10:35	1
Oxidation Reduction Potential	23.4				millivolts			11/11/25 10:35	1
Oxygen, Dissolved	0.96				mg/L			11/11/25 10:35	1
Specific Conductance	1.098				mS/cm			11/11/25 10:35	1
Turbidity	25.46				NTU			11/11/25 10:35	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-06

Lab Sample ID: 500-277704-10

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Arsenic	2.9		1.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Barium	73		2.5		ug/L		11/17/25 13:45	11/19/25 15:55	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Boron	260		50		ug/L		11/17/25 13:45	11/25/25 13:04	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:55	1
Calcium	97		0.20		mg/L		11/17/25 13:45	11/19/25 15:55	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:55	1
Lithium	11		10		ug/L		11/17/25 13:45	11/19/25 15:55	1
Molybdenum	12		5.0		ug/L		11/17/25 13:45	11/19/25 15:55	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:55	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	790		10		mg/L			11/18/25 04:16	1
Chloride (SM 4500 Cl- E)	160		10		mg/L			11/16/25 11:15	5
Fluoride (SM 4500 F C)	0.64		0.10		mg/L			11/17/25 11:17	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			11/16/25 13:57	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.56				SU			11/12/25 09:24	1
Field Temperature	72.3				Degrees F			11/12/25 09:24	1
Groundwater Elevation	448.28				ft			11/12/25 09:24	1
Oxidation Reduction Potential	-172.8				millivolts			11/12/25 09:24	1
Oxygen, Dissolved	0.39				mg/L			11/12/25 09:24	1
Specific Conductance	1.336				mS/cm			11/12/25 09:24	1
Turbidity	20.51				NTU			11/12/25 09:24	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-07

Lab Sample ID: 500-277704-11

Date Collected: 11/12/25 08:30

Matrix: Water

Date Received: 11/13/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Arsenic	120		1.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Barium	530		2.5		ug/L		11/17/25 13:45	11/19/25 15:57	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Boron	540		250		ug/L		11/17/25 13:45	11/25/25 13:06	5
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:57	1
Calcium	290		1.0		mg/L		11/17/25 13:45	11/25/25 13:06	5
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Cobalt	8.2		1.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Lead	1.8		0.50		ug/L		11/17/25 13:45	11/19/25 15:57	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:57	1
Molybdenum	7.9		5.0		ug/L		11/17/25 13:45	11/19/25 15:57	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:57	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			11/18/25 04:19	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			11/16/25 11:16	5
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			11/17/25 11:29	1
Sulfate (SM 4500 SO4 E)	50		10		mg/L			11/16/25 13:57	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.92				SU			11/12/25 08:30	1
Field Temperature	56.7				Degrees F			11/12/25 08:30	1
Groundwater Elevation	432.12				ft			11/12/25 08:30	1
Oxidation Reduction Potential	-54.3				millivolts			11/12/25 08:30	1
Oxygen, Dissolved	6.27				mg/L			11/12/25 08:30	1
Specific Conductance	1.635				mS/cm			11/12/25 08:30	1
Turbidity	90.94				NTU			11/12/25 08:30	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-08

Lab Sample ID: 500-277704-12

Date Collected: 11/12/25 10:12

Matrix: Water

Date Received: 11/13/25 09:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Arsenic	2.4		1.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Barium	130		2.5		ug/L		11/17/25 13:45	11/19/25 15:59	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Boron	370		50		ug/L		11/17/25 13:45	11/25/25 13:08	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:59	1
Calcium	120		0.20		mg/L		11/17/25 13:45	11/19/25 15:59	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:59	1
Lithium	18		10		ug/L		11/17/25 13:45	11/19/25 15:59	1
Molybdenum	7.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:59	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:59	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	770		10		mg/L			11/18/25 04:22	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			11/16/25 11:16	5
Fluoride (SM 4500 F C)	0.41		0.10		mg/L			11/17/25 11:36	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			11/16/25 13:57	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-09

Lab Sample ID: 500-277704-13

Date Collected: 11/12/25 11:25

Matrix: Water

Date Received: 11/14/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Arsenic	1.1		1.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Barium	42		2.5		ug/L		11/17/25 13:45	11/19/25 16:06	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Boron	2300		50		ug/L		11/17/25 13:45	11/19/25 16:06	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:06	1
Calcium	83		0.20		mg/L		11/17/25 13:45	11/19/25 16:06	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:06	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 16:06	1
Molybdenum	25		5.0		ug/L		11/17/25 13:45	11/19/25 16:06	1
Selenium	8.8		2.5		ug/L		11/17/25 13:45	11/19/25 16:06	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	500		10		mg/L			11/18/25 04:24	1
Chloride (SM 4500 Cl- E)	31		2.0		mg/L			11/16/25 10:52	1
Fluoride (SM 4500 F C)	0.15		0.10		mg/L			11/17/25 11:48	1
Sulfate (SM 4500 SO4 E)	98		10		mg/L			11/16/25 13:57	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-12R

Lab Sample ID: 500-277704-14

Date Collected: 11/12/25 13:00

Matrix: Water

Date Received: 11/14/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Arsenic	29		1.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Barium	73		2.5		ug/L		11/17/25 13:45	11/19/25 16:08	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Boron	480		50		ug/L		11/17/25 13:45	11/19/25 16:08	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:08	1
Calcium	100		0.20		mg/L		11/17/25 13:45	11/19/25 16:08	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:08	1
Lithium	11		10		ug/L		11/17/25 13:45	11/19/25 16:08	1
Molybdenum	12		5.0		ug/L		11/17/25 13:45	11/19/25 16:08	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:08	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	810		10		mg/L			11/18/25 04:27	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			11/16/25 11:16	5
Fluoride (SM 4500 F C)	0.56		0.10		mg/L			11/17/25 11:52	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			11/16/25 13:58	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-11

Lab Sample ID: 500-277704-15

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/14/25 09:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Arsenic	8.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Barium	220		2.5		ug/L		11/17/25 13:45	11/19/25 16:11	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Boron	1500		50		ug/L		11/17/25 13:45	11/19/25 16:11	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:11	1
Calcium	130		0.20		mg/L		11/17/25 13:45	11/19/25 16:11	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Cobalt	1.9		1.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:11	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 16:11	1
Molybdenum	12		5.0		ug/L		11/17/25 13:45	11/19/25 16:11	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:11	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	670		10		mg/L			11/18/25 04:29	1
Chloride (SM 4500 Cl- E)	62		4.0		mg/L			11/16/25 11:16	2
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			11/17/25 11:55	1
Sulfate (SM 4500 SO4 E)	72		10		mg/L			11/16/25 13:59	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-14

Lab Sample ID: 500-277704-16

Date Collected: 11/11/25 08:32

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Arsenic	1.3		1.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Barium	28		2.5		ug/L		11/17/25 13:45	11/19/25 16:13	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Boron	2200		50		ug/L		11/17/25 13:45	11/19/25 16:13	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:13	1
Calcium	290		1.0		mg/L		11/17/25 13:45	11/25/25 13:15	5
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:13	1
Lithium	15		10		ug/L		11/17/25 13:45	11/19/25 16:13	1
Molybdenum	60		5.0		ug/L		11/17/25 13:45	11/19/25 16:13	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:13	1
Thallium	2.1		2.0		ug/L		11/17/25 13:45	11/19/25 16:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100		10		mg/L			11/17/25 03:32	1
Chloride (SM 4500 Cl- E)	77		4.0		mg/L			11/16/25 11:17	2
Fluoride (SM 4500 F C)	1.0		0.10		mg/L			11/17/25 11:59	1
Sulfate (SM 4500 SO4 E)	1300		500		mg/L			11/20/25 15:57	100

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			11/11/25 08:32	1
Field Temperature	49.6				Degrees F			11/11/25 08:32	1
Groundwater Elevation	438.78				ft			11/11/25 08:32	1
Oxidation Reduction Potential	93.5				millivolts			11/11/25 08:32	1
Oxygen, Dissolved	1.68				mg/L			11/11/25 08:32	1
Specific Conductance	3.798				mS/cm			11/11/25 08:32	1
Turbidity	36.78				NTU			11/11/25 08:32	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-15

Lab Sample ID: 500-277704-17

Date Collected: 11/11/25 09:34

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Arsenic	13		1.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Barium	71		2.5		ug/L		11/17/25 13:45	11/19/25 16:15	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Boron	1400		50		ug/L		11/17/25 13:45	11/19/25 16:15	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:15	1
Calcium	170		0.20		mg/L		11/17/25 13:45	11/19/25 16:15	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:15	1
Lithium	23		10		ug/L		11/17/25 13:45	11/19/25 16:15	1
Molybdenum	37		5.0		ug/L		11/17/25 13:45	11/19/25 16:15	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:15	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			11/17/25 03:35	1
Chloride (SM 4500 Cl- E)	250		10		mg/L			11/16/25 11:17	5
Fluoride (SM 4500 F C)	0.54		0.10		mg/L			11/17/25 12:02	1
Sulfate (SM 4500 SO4 E)	180		25		mg/L			11/16/25 14:00	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.00				SU			11/11/25 09:34	1
Field Temperature	58.3				Degrees F			11/11/25 09:34	1
Groundwater Elevation	445.44				ft			11/11/25 09:34	1
Oxidation Reduction Potential	-105.6				millivolts			11/11/25 09:34	1
Oxygen, Dissolved	0.41				mg/L			11/11/25 09:34	1
Specific Conductance	1.900				mS/cm			11/11/25 09:34	1
Turbidity	37.69				NTU			11/11/25 09:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-16

Lab Sample ID: 500-277704-18

Date Collected: 11/13/25 08:38

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Barium	38		2.5		ug/L		11/17/25 13:45	11/19/25 16:17	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Boron	150		50		ug/L		11/17/25 13:45	11/19/25 16:17	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:17	1
Calcium	110		0.20		mg/L		11/17/25 13:45	11/19/25 16:17	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:17	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 16:17	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:17	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:17	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	530		10		mg/L			11/19/25 04:07	1
Chloride (SM 4500 Cl- E)	32		2.0		mg/L			11/16/25 10:53	1
Fluoride (SM 4500 F C)	0.10		0.10		mg/L			11/17/25 12:05	1
Sulfate (SM 4500 SO4 E)	32		5.0		mg/L			11/16/25 13:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			11/13/25 08:38	1
Field Temperature	56.8				Degrees F			11/13/25 08:38	1
Groundwater Elevation	440.49				ft			11/13/25 08:38	1
Oxidation Reduction Potential	25.6				millivolts			11/13/25 08:38	1
Oxygen, Dissolved	7.82				mg/L			11/13/25 08:38	1
Specific Conductance	0.847				mS/cm			11/13/25 08:38	1
Turbidity	25.77				NTU			11/13/25 08:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-18

Lab Sample ID: 500-277704-19

Date Collected: 11/13/25 10:48

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Arsenic	2.5		1.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Barium	140		2.5		ug/L		11/17/25 13:45	11/19/25 16:20	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Boron	590		50		ug/L		11/17/25 13:45	11/19/25 16:20	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:20	1
Calcium	120		0.20		mg/L		11/17/25 13:45	11/19/25 16:20	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Cobalt	1.8		1.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Lead	2.5		0.50		ug/L		11/17/25 13:45	11/19/25 16:20	1
Lithium	12		10		ug/L		11/17/25 13:45	11/19/25 16:20	1
Molybdenum	5.3		5.0		ug/L		11/17/25 13:45	11/19/25 16:20	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:20	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	820		10		mg/L			11/19/25 04:10	1
Chloride (SM 4500 Cl- E)	150		10		mg/L			11/16/25 12:20	5
Fluoride (SM 4500 F C)	0.60		0.10		mg/L			11/17/25 12:17	1
Sulfate (SM 4500 SO4 E)	130		25		mg/L			11/16/25 14:00	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-18A

Lab Sample ID: 500-277704-20

Date Collected: 11/13/25 11:17

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Arsenic	8.6		1.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Barium	410		2.5		ug/L		11/17/25 13:45	11/19/25 16:22	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Boron	340		50		ug/L		11/17/25 13:45	11/19/25 16:22	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:22	1
Calcium	280		1.0		mg/L		11/17/25 13:45	11/25/25 13:17	5
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Cobalt	2.7		1.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 16:22	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 16:22	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 16:22	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 16:22	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 16:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1600		10		mg/L			11/19/25 04:12	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			11/16/25 12:20	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			11/17/25 12:21	1
Sulfate (SM 4500 SO4 E)	30		5.0		mg/L			11/16/25 13:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.76				SU			11/13/25 11:17	1
Field Temperature	59.4				Degrees F			11/13/25 11:17	1
Groundwater Elevation	438.14				ft			11/13/25 11:17	1
Oxidation Reduction Potential	-133.3				millivolts			11/13/25 11:17	1
Oxygen, Dissolved	0.29				mg/L			11/13/25 11:17	1
Specific Conductance	2.445				mS/cm			11/13/25 11:17	1
Turbidity	31.92				NTU			11/13/25 11:17	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-19

Lab Sample ID: 500-277704-21

Date Collected: 11/13/25 13:56

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Barium	56		2.5		ug/L		11/17/25 13:47	11/19/25 14:00	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Boron	2800		50		ug/L		11/17/25 13:47	11/20/25 12:36	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:00	1
Calcium	72		0.20		mg/L		11/17/25 13:47	11/19/25 14:00	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Lead	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:00	1
Lithium	<10		10		ug/L		11/17/25 13:47	11/19/25 14:00	1
Molybdenum	34		5.0		ug/L		11/17/25 13:47	11/19/25 14:00	1
Selenium	7.7		2.5		ug/L		11/17/25 13:47	11/19/25 14:00	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:47	11/19/25 14:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	540		10		mg/L			11/19/25 04:15	1
Chloride (SM 4500 Cl- E)	34		2.0		mg/L			11/16/25 11:37	1
Fluoride (SM 4500 F C)	0.16		0.10		mg/L			11/17/25 12:24	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			11/16/25 14:01	5

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-21D

Lab Sample ID: 500-277704-22

Date Collected: 11/13/25 13:08

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Barium	69		2.5		ug/L		11/17/25 13:47	11/19/25 14:03	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Boron	1100		50		ug/L		11/17/25 13:47	11/20/25 12:39	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:03	1
Calcium	80		0.20		mg/L		11/17/25 13:47	11/19/25 14:03	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Lead	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:03	1
Lithium	<10		10		ug/L		11/17/25 13:47	11/19/25 14:03	1
Molybdenum	19		5.0		ug/L		11/17/25 13:47	11/19/25 14:03	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:47	11/19/25 14:03	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:47	11/19/25 14:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			11/19/25 04:18	1
Chloride (SM 4500 Cl- E)	140		10		mg/L			11/16/25 12:20	5
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			11/17/25 12:27	1
Sulfate (SM 4500 SO4 E)	72		10		mg/L			11/16/25 14:01	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.32				SU			11/13/25 13:08	1
Field Temperature	61.5				Degrees F			11/13/25 13:08	1
Groundwater Elevation	435.05				ft			11/13/25 13:08	1
Oxidation Reduction Potential	17.3				millivolts			11/13/25 13:08	1
Oxygen, Dissolved	0.65				mg/L			11/13/25 13:08	1
Specific Conductance	1.152				mS/cm			11/13/25 13:08	1
Turbidity	25.42				NTU			11/13/25 13:08	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-22

Lab Sample ID: 500-277704-23

Date Collected: 11/13/25 12:30

Matrix: Water

Date Received: 11/15/25 10:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Barium	110		2.5		ug/L		11/17/25 13:47	11/19/25 14:05	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Boron	5000		250		ug/L		11/17/25 13:47	11/20/25 12:56	5
Cadmium	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:05	1
Calcium	120		0.20		mg/L		11/17/25 13:47	11/19/25 14:05	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Cobalt	2.3		1.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Lead	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 14:05	1
Lithium	<10		10		ug/L		11/17/25 13:47	11/19/25 14:05	1
Molybdenum	40		5.0		ug/L		11/17/25 13:47	11/19/25 14:05	1
Selenium	3.5		2.5		ug/L		11/17/25 13:47	11/19/25 14:05	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:47	11/19/25 14:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 11:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	730		10		mg/L			11/19/25 04:20	1
Chloride (SM 4500 Cl- E)	48		2.0		mg/L			11/16/25 10:50	1
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			11/17/25 12:31	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			11/16/25 14:01	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.91				SU			11/13/25 12:30	1
Field Temperature	61.2				Degrees F			11/13/25 12:30	1
Groundwater Elevation	434.66				ft			11/13/25 12:30	1
Oxidation Reduction Potential	6.91				millivolts			11/13/25 12:30	1
Oxygen, Dissolved	0.58				mg/L			11/13/25 12:30	1
Specific Conductance	1.077				mS/cm			11/13/25 12:30	1
Turbidity	24.96				NTU			11/13/25 12:30	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
e1	Result exceeds calibration range
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Metals

Prep Batch: 843531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total Recoverable	Water	3005A	
500-277704-2	MW-02	Total Recoverable	Water	3005A	
500-277704-3	MW-04	Total Recoverable	Water	3005A	
500-277704-4	MW-01	Total Recoverable	Water	3005A	
500-277704-5	MW-03	Total Recoverable	Water	3005A	
500-277704-6	MW-10	Total Recoverable	Water	3005A	
500-277704-7	Duplicate 2	Total Recoverable	Water	3005A	
500-277704-8	Duplicate 3	Total Recoverable	Water	3005A	
500-277704-9	MW-05	Total Recoverable	Water	3005A	
500-277704-10	MW-06	Total Recoverable	Water	3005A	
500-277704-11	MW-07	Total Recoverable	Water	3005A	
500-277704-12	MW-08	Total Recoverable	Water	3005A	
500-277704-13	MW-09	Total Recoverable	Water	3005A	
500-277704-14	MW-12R	Total Recoverable	Water	3005A	
500-277704-15	MW-11	Total Recoverable	Water	3005A	
500-277704-16	MW-14	Total Recoverable	Water	3005A	
500-277704-17	MW-15	Total Recoverable	Water	3005A	
500-277704-18	MW-16	Total Recoverable	Water	3005A	
500-277704-19	MW-18	Total Recoverable	Water	3005A	
500-277704-20	MW-18A	Total Recoverable	Water	3005A	
MB 500-843531/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-843531/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-277704-1 MS	Duplicate 1	Total Recoverable	Water	3005A	
500-277704-1 MSD	Duplicate 1	Total Recoverable	Water	3005A	
500-277704-1 DU	Duplicate 1	Total Recoverable	Water	3005A	

Prep Batch: 843533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-21	MW-19	Total Recoverable	Water	3005A	
500-277704-22	MW-21D	Total Recoverable	Water	3005A	
500-277704-23	MW-22	Total Recoverable	Water	3005A	
MB 500-843533/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-843533/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 843937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	7470A	
500-277704-2	MW-02	Total/NA	Water	7470A	
500-277704-3	MW-04	Total/NA	Water	7470A	
500-277704-4	MW-01	Total/NA	Water	7470A	
500-277704-5	MW-03	Total/NA	Water	7470A	
500-277704-6	MW-10	Total/NA	Water	7470A	
500-277704-7	Duplicate 2	Total/NA	Water	7470A	
500-277704-8	Duplicate 3	Total/NA	Water	7470A	
500-277704-9	MW-05	Total/NA	Water	7470A	
500-277704-10	MW-06	Total/NA	Water	7470A	
500-277704-11	MW-07	Total/NA	Water	7470A	
500-277704-12	MW-08	Total/NA	Water	7470A	
500-277704-13	MW-09	Total/NA	Water	7470A	
500-277704-14	MW-12R	Total/NA	Water	7470A	
500-277704-15	MW-11	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Metals (Continued)

Prep Batch: 843937 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-16	MW-14	Total/NA	Water	7470A	
500-277704-17	MW-15	Total/NA	Water	7470A	
500-277704-18	MW-16	Total/NA	Water	7470A	
500-277704-19	MW-18	Total/NA	Water	7470A	
500-277704-20	MW-18A	Total/NA	Water	7470A	
MB 500-843937/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-843937/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-277704-10 MS	MW-06	Total/NA	Water	7470A	
500-277704-10 MSD	MW-06	Total/NA	Water	7470A	
500-277704-10 DU	MW-06	Total/NA	Water	7470A	

Prep Batch: 843943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-21	MW-19	Total/NA	Water	7470A	
500-277704-22	MW-21D	Total/NA	Water	7470A	
500-277704-23	MW-22	Total/NA	Water	7470A	
MB 500-843943/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-843943/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 844001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-21	MW-19	Total Recoverable	Water	6020B	843533
500-277704-22	MW-21D	Total Recoverable	Water	6020B	843533
500-277704-23	MW-22	Total Recoverable	Water	6020B	843533
MB 500-843533/1-A	Method Blank	Total Recoverable	Water	6020B	843533
LCS 500-843533/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843533

Analysis Batch: 844107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-2	MW-02	Total Recoverable	Water	6020B	843531
500-277704-3	MW-04	Total Recoverable	Water	6020B	843531
500-277704-4	MW-01	Total Recoverable	Water	6020B	843531
500-277704-5	MW-03	Total Recoverable	Water	6020B	843531
500-277704-6	MW-10	Total Recoverable	Water	6020B	843531
500-277704-7	Duplicate 2	Total Recoverable	Water	6020B	843531
500-277704-8	Duplicate 3	Total Recoverable	Water	6020B	843531
500-277704-9	MW-05	Total Recoverable	Water	6020B	843531
500-277704-10	MW-06	Total Recoverable	Water	6020B	843531
500-277704-11	MW-07	Total Recoverable	Water	6020B	843531
500-277704-12	MW-08	Total Recoverable	Water	6020B	843531
500-277704-13	MW-09	Total Recoverable	Water	6020B	843531
500-277704-14	MW-12R	Total Recoverable	Water	6020B	843531
500-277704-15	MW-11	Total Recoverable	Water	6020B	843531
500-277704-16	MW-14	Total Recoverable	Water	6020B	843531
500-277704-17	MW-15	Total Recoverable	Water	6020B	843531
500-277704-18	MW-16	Total Recoverable	Water	6020B	843531
500-277704-19	MW-18	Total Recoverable	Water	6020B	843531
500-277704-20	MW-18A	Total Recoverable	Water	6020B	843531
MB 500-843531/1-A	Method Blank	Total Recoverable	Water	6020B	843531
LCS 500-843531/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843531

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Metals (Continued)

Analysis Batch: 844107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1 MS	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-1 MSD	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-1 DU	Duplicate 1	Total Recoverable	Water	6020B	843531

Analysis Batch: 844177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	7470A	843937
500-277704-2	MW-02	Total/NA	Water	7470A	843937
500-277704-3	MW-04	Total/NA	Water	7470A	843937
500-277704-4	MW-01	Total/NA	Water	7470A	843937
500-277704-5	MW-03	Total/NA	Water	7470A	843937
500-277704-6	MW-10	Total/NA	Water	7470A	843937
500-277704-7	Duplicate 2	Total/NA	Water	7470A	843937
500-277704-8	Duplicate 3	Total/NA	Water	7470A	843937
500-277704-9	MW-05	Total/NA	Water	7470A	843937
500-277704-10	MW-06	Total/NA	Water	7470A	843937
500-277704-11	MW-07	Total/NA	Water	7470A	843937
500-277704-12	MW-08	Total/NA	Water	7470A	843937
500-277704-13	MW-09	Total/NA	Water	7470A	843937
500-277704-14	MW-12R	Total/NA	Water	7470A	843937
500-277704-15	MW-11	Total/NA	Water	7470A	843937
500-277704-16	MW-14	Total/NA	Water	7470A	843937
500-277704-17	MW-15	Total/NA	Water	7470A	843937
500-277704-18	MW-16	Total/NA	Water	7470A	843937
500-277704-19	MW-18	Total/NA	Water	7470A	843937
500-277704-20	MW-18A	Total/NA	Water	7470A	843937
500-277704-21	MW-19	Total/NA	Water	7470A	843943
500-277704-22	MW-21D	Total/NA	Water	7470A	843943
500-277704-23	MW-22	Total/NA	Water	7470A	843943
MB 500-843937/12-A	Method Blank	Total/NA	Water	7470A	843937
MB 500-843943/12-A	Method Blank	Total/NA	Water	7470A	843943
LCS 500-843937/13-A	Lab Control Sample	Total/NA	Water	7470A	843937
LCS 500-843943/13-A	Lab Control Sample	Total/NA	Water	7470A	843943
500-277704-10 MS	MW-06	Total/NA	Water	7470A	843937
500-277704-10 MSD	MW-06	Total/NA	Water	7470A	843937
500-277704-10 DU	MW-06	Total/NA	Water	7470A	843937

Analysis Batch: 844223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-21	MW-19	Total Recoverable	Water	6020B	843533
500-277704-22	MW-21D	Total Recoverable	Water	6020B	843533
500-277704-23	MW-22	Total Recoverable	Water	6020B	843533
MB 500-843533/1-A	Method Blank	Total Recoverable	Water	6020B	843533
LCS 500-843533/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843533

Analysis Batch: 844878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-2	MW-02	Total Recoverable	Water	6020B	843531
500-277704-3	MW-04	Total Recoverable	Water	6020B	843531
500-277704-4	MW-01	Total Recoverable	Water	6020B	843531

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Metals (Continued)

Analysis Batch: 844878 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-5	MW-03	Total Recoverable	Water	6020B	843531
500-277704-6	MW-10	Total Recoverable	Water	6020B	843531
500-277704-7	Duplicate 2	Total Recoverable	Water	6020B	843531
500-277704-8	Duplicate 3	Total Recoverable	Water	6020B	843531
500-277704-9	MW-05	Total Recoverable	Water	6020B	843531
500-277704-10	MW-06	Total Recoverable	Water	6020B	843531
500-277704-11	MW-07	Total Recoverable	Water	6020B	843531
500-277704-12	MW-08	Total Recoverable	Water	6020B	843531
500-277704-16	MW-14	Total Recoverable	Water	6020B	843531
500-277704-20	MW-18A	Total Recoverable	Water	6020B	843531
MB 500-843531/1-A	Method Blank	Total Recoverable	Water	6020B	843531
LCS 500-843531/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843531
500-277704-1 MS	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-1 MSD	Duplicate 1	Total Recoverable	Water	6020B	843531
500-277704-1 DU	Duplicate 1	Total Recoverable	Water	6020B	843531

General Chemistry

Analysis Batch: 842514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	SM 2540C	
500-277704-2	MW-02	Total/NA	Water	SM 2540C	
500-277704-3	MW-04	Total/NA	Water	SM 2540C	
MB 500-842514/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-842514/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 843384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	SM 4500 Cl- E	
500-277704-2	MW-02	Total/NA	Water	SM 4500 Cl- E	
500-277704-3	MW-04	Total/NA	Water	SM 4500 Cl- E	
500-277704-4	MW-01	Total/NA	Water	SM 4500 Cl- E	
500-277704-5	MW-03	Total/NA	Water	SM 4500 Cl- E	
500-277704-6	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-277704-7	Duplicate 2	Total/NA	Water	SM 4500 Cl- E	
500-277704-8	Duplicate 3	Total/NA	Water	SM 4500 Cl- E	
500-277704-9	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-277704-10	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-277704-11	MW-07	Total/NA	Water	SM 4500 Cl- E	
500-277704-12	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-277704-13	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-277704-14	MW-12R	Total/NA	Water	SM 4500 Cl- E	
500-277704-15	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-277704-16	MW-14	Total/NA	Water	SM 4500 Cl- E	
500-277704-17	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-277704-18	MW-16	Total/NA	Water	SM 4500 Cl- E	
500-277704-19	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-277704-20	MW-18A	Total/NA	Water	SM 4500 Cl- E	
500-277704-21	MW-19	Total/NA	Water	SM 4500 Cl- E	
500-277704-22	MW-21D	Total/NA	Water	SM 4500 Cl- E	
500-277704-23	MW-22	Total/NA	Water	SM 4500 Cl- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

General Chemistry (Continued)

Analysis Batch: 843384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-843384/37	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-843384/52	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-843384/97	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-843384/38	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-843384/53	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-843384/98	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-277704-2 MS	MW-02	Total/NA	Water	SM 4500 CI- E	
500-277704-2 MSD	MW-02	Total/NA	Water	SM 4500 CI- E	
500-277704-18 MS	MW-16	Total/NA	Water	SM 4500 CI- E	
500-277704-18 MSD	MW-16	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 843402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	SM 4500 SO4 E	
500-277704-2	MW-02	Total/NA	Water	SM 4500 SO4 E	
500-277704-3	MW-04	Total/NA	Water	SM 4500 SO4 E	
500-277704-4	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-277704-5	MW-03	Total/NA	Water	SM 4500 SO4 E	
500-277704-6	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-277704-7	Duplicate 2	Total/NA	Water	SM 4500 SO4 E	
500-277704-8	Duplicate 3	Total/NA	Water	SM 4500 SO4 E	
500-277704-9	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-277704-10	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-277704-11	MW-07	Total/NA	Water	SM 4500 SO4 E	
500-277704-12	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-277704-13	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-277704-14	MW-12R	Total/NA	Water	SM 4500 SO4 E	
500-277704-15	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-277704-17	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-277704-18	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-277704-19	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-277704-20	MW-18A	Total/NA	Water	SM 4500 SO4 E	
500-277704-21	MW-19	Total/NA	Water	SM 4500 SO4 E	
500-277704-22	MW-21D	Total/NA	Water	SM 4500 SO4 E	
500-277704-23	MW-22	Total/NA	Water	SM 4500 SO4 E	
MB 500-843402/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-843402/61	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-843402/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-843402/62	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-277704-4 MS	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-277704-4 MSD	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-277704-18 MS	MW-16	Total/NA	Water	SM 4500 SO4 E	
500-277704-18 MSD	MW-16	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 843408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-4	MW-01	Total/NA	Water	SM 2540C	
500-277704-5	MW-03	Total/NA	Water	SM 2540C	
500-277704-6	MW-10	Total/NA	Water	SM 2540C	
500-277704-7	Duplicate 2	Total/NA	Water	SM 2540C	
500-277704-9	MW-05	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

General Chemistry (Continued)

Analysis Batch: 843408 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-16	MW-14	Total/NA	Water	SM 2540C	
500-277704-17	MW-15	Total/NA	Water	SM 2540C	
MB 500-843408/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-843408/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 843593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-8	Duplicate 3	Total/NA	Water	SM 2540C	
500-277704-10	MW-06	Total/NA	Water	SM 2540C	
500-277704-11	MW-07	Total/NA	Water	SM 2540C	
500-277704-12	MW-08	Total/NA	Water	SM 2540C	
500-277704-13	MW-09	Total/NA	Water	SM 2540C	
500-277704-14	MW-12R	Total/NA	Water	SM 2540C	
500-277704-15	MW-11	Total/NA	Water	SM 2540C	
MB 500-843593/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-843593/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 843596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	SM 4500 F C	
500-277704-2	MW-02	Total/NA	Water	SM 4500 F C	
500-277704-3	MW-04	Total/NA	Water	SM 4500 F C	
500-277704-4	MW-01	Total/NA	Water	SM 4500 F C	
500-277704-5	MW-03	Total/NA	Water	SM 4500 F C	
500-277704-6	MW-10	Total/NA	Water	SM 4500 F C	
500-277704-7	Duplicate 2	Total/NA	Water	SM 4500 F C	
500-277704-8	Duplicate 3	Total/NA	Water	SM 4500 F C	
500-277704-9	MW-05	Total/NA	Water	SM 4500 F C	
500-277704-10	MW-06	Total/NA	Water	SM 4500 F C	
500-277704-11	MW-07	Total/NA	Water	SM 4500 F C	
500-277704-12	MW-08	Total/NA	Water	SM 4500 F C	
500-277704-13	MW-09	Total/NA	Water	SM 4500 F C	
500-277704-14	MW-12R	Total/NA	Water	SM 4500 F C	
500-277704-15	MW-11	Total/NA	Water	SM 4500 F C	
500-277704-16	MW-14	Total/NA	Water	SM 4500 F C	
500-277704-17	MW-15	Total/NA	Water	SM 4500 F C	
500-277704-18	MW-16	Total/NA	Water	SM 4500 F C	
500-277704-19	MW-18	Total/NA	Water	SM 4500 F C	
500-277704-20	MW-18A	Total/NA	Water	SM 4500 F C	
500-277704-21	MW-19	Total/NA	Water	SM 4500 F C	
500-277704-22	MW-21D	Total/NA	Water	SM 4500 F C	
500-277704-23	MW-22	Total/NA	Water	SM 4500 F C	
MB 500-843596/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-843596/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-843596/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-843596/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-277704-11 MS	MW-07	Total/NA	Water	SM 4500 F C	
500-277704-11 MSD	MW-07	Total/NA	Water	SM 4500 F C	

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

General Chemistry

Analysis Batch: 843834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-18	MW-16	Total/NA	Water	SM 2540C	
500-277704-19	MW-18	Total/NA	Water	SM 2540C	
500-277704-20	MW-18A	Total/NA	Water	SM 2540C	
500-277704-21	MW-19	Total/NA	Water	SM 2540C	
500-277704-22	MW-21D	Total/NA	Water	SM 2540C	
500-277704-23	MW-22	Total/NA	Water	SM 2540C	
MB 500-843834/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-843834/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 844262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-16	MW-14	Total/NA	Water	SM 4500 SO4 E	
MB 500-844262/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-844262/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 844823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-2	MW-02	Total/NA	Water	Field Sampling	
500-277704-3	MW-04	Total/NA	Water	Field Sampling	
500-277704-4	MW-01	Total/NA	Water	Field Sampling	
500-277704-5	MW-03	Total/NA	Water	Field Sampling	
500-277704-6	MW-10	Total/NA	Water	Field Sampling	
500-277704-9	MW-05	Total/NA	Water	Field Sampling	
500-277704-10	MW-06	Total/NA	Water	Field Sampling	
500-277704-11	MW-07	Total/NA	Water	Field Sampling	
500-277704-16	MW-14	Total/NA	Water	Field Sampling	
500-277704-17	MW-15	Total/NA	Water	Field Sampling	
500-277704-18	MW-16	Total/NA	Water	Field Sampling	
500-277704-20	MW-18A	Total/NA	Water	Field Sampling	
500-277704-22	MW-21D	Total/NA	Water	Field Sampling	
500-277704-23	MW-22	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-843531/1-A

Matrix: Water

Analysis Batch: 844107

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Barium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:16	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:16	1
Calcium	<0.20		0.20		mg/L		11/17/25 13:45	11/19/25 15:16	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Lead	<0.50		0.50		ug/L		11/17/25 13:45	11/19/25 15:16	1
Lithium	<10		10		ug/L		11/17/25 13:45	11/19/25 15:16	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:45	11/19/25 15:16	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:45	11/19/25 15:16	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:45	11/19/25 15:16	1

Lab Sample ID: MB 500-843531/1-A

Matrix: Water

Analysis Batch: 844878

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		11/17/25 13:45	11/25/25 12:25	1

Lab Sample ID: LCS 500-843531/2-A

Matrix: Water

Analysis Batch: 844107

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	498		ug/L		100	80 - 120
Arsenic	100	95.2		ug/L		95	80 - 120
Barium	2000	2020		ug/L		101	80 - 120
Beryllium	50.0	48.5		ug/L		97	80 - 120
Cadmium	50.0	49.2		ug/L		98	80 - 120
Calcium	10.0	9.75		mg/L		97	80 - 120
Chromium	200	198		ug/L		99	80 - 120
Cobalt	500	509		ug/L		102	80 - 120
Lead	100	100		ug/L		100	80 - 120
Lithium	500	501		ug/L		100	80 - 120
Molybdenum	1000	943		ug/L		94	80 - 120
Selenium	100	96.9		ug/L		97	80 - 120
Thallium	100	105		ug/L		105	80 - 120

Lab Sample ID: LCS 500-843531/2-A

Matrix: Water

Analysis Batch: 844878

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	973		ug/L		97	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-277704-1 MS

Matrix: Water

Analysis Batch: 844107

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<3.0		500	507		ug/L		101	75 - 125
Arsenic	<1.0		100	98.6		ug/L		98	75 - 125
Barium	88		2000	2150		ug/L		103	75 - 125
Beryllium	<1.0		50.0	45.9		ug/L		92	75 - 125
Cadmium	<0.50		50.0	48.6		ug/L		97	75 - 125
Calcium	130		10.0	139	4	mg/L		67	75 - 125
Chromium	<5.0		200	190		ug/L		95	75 - 125
Cobalt	<1.0		500	480		ug/L		96	75 - 125
Lead	<0.50		100	97.3		ug/L		97	75 - 125
Lithium	<10		500	478		ug/L		94	75 - 125
Molybdenum	<5.0		1000	968		ug/L		97	75 - 125
Selenium	24		100	120		ug/L		96	75 - 125
Thallium	<2.0		100	103		ug/L		103	75 - 125

Lab Sample ID: 500-277704-1 MS

Matrix: Water

Analysis Batch: 844878

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	3400		1000	4270		ug/L		84	75 - 125

Lab Sample ID: 500-277704-1 MSD

Matrix: Water

Analysis Batch: 844107

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<3.0		500	501		ug/L		100	75 - 125	1	20
Arsenic	<1.0		100	96.8		ug/L		96	75 - 125	2	20
Barium	88		2000	2060		ug/L		99	75 - 125	4	20
Beryllium	<1.0		50.0	47.1		ug/L		94	75 - 125	3	20
Cadmium	<0.50		50.0	48.3		ug/L		97	75 - 125	1	20
Calcium	130		10.0	139	4	mg/L		66	75 - 125	0	20
Chromium	<5.0		200	189		ug/L		94	75 - 125	0	20
Cobalt	<1.0		500	478		ug/L		96	75 - 125	0	20
Lead	<0.50		100	96.6		ug/L		97	75 - 125	1	20
Lithium	<10		500	484		ug/L		95	75 - 125	1	20
Molybdenum	<5.0		1000	966		ug/L		97	75 - 125	0	20
Selenium	24		100	117		ug/L		93	75 - 125	2	20
Thallium	<2.0		100	102		ug/L		102	75 - 125	1	20

Lab Sample ID: 500-277704-1 MSD

Matrix: Water

Analysis Batch: 844878

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	3400		1000	4380		ug/L		96	75 - 125	3	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-277704-1 DU

Matrix: Water

Analysis Batch: 844107

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<3.0		<3.0		ug/L		NC	20
Arsenic	<1.0		<1.0		ug/L		NC	20
Barium	88		83.7		ug/L		5	20
Beryllium	<1.0		<1.0		ug/L		NC	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	130		128		mg/L		3	20
Chromium	<5.0		<5.0		ug/L		NC	20
Cobalt	<1.0		<1.0		ug/L		NC	20
Lead	<0.50		<0.50		ug/L		NC	20
Lithium	<10		<10		ug/L		NC	20
Molybdenum	<5.0		<5.0		ug/L		NC	20
Selenium	24		22.6		ug/L		6	20
Thallium	<2.0		<2.0		ug/L		NC	20

Lab Sample ID: 500-277704-1 DU

Matrix: Water

Analysis Batch: 844878

Client Sample ID: Duplicate 1

Prep Type: Total Recoverable

Prep Batch: 843531

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	3400		3250		ug/L		5	20

Lab Sample ID: MB 500-843533/1-A

Matrix: Water

Analysis Batch: 844001

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843533

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<3.0		3.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Arsenic	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Barium	<2.5		2.5		ug/L		11/17/25 13:47	11/19/25 13:55	1
Beryllium	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Cadmium	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 13:55	1
Calcium	<0.20		0.20		mg/L		11/17/25 13:47	11/19/25 13:55	1
Chromium	<5.0		5.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Cobalt	<1.0		1.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Lead	<0.50		0.50		ug/L		11/17/25 13:47	11/19/25 13:55	1
Lithium	<10		10		ug/L		11/17/25 13:47	11/19/25 13:55	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 13:47	11/19/25 13:55	1
Selenium	<2.5		2.5		ug/L		11/17/25 13:47	11/19/25 13:55	1
Thallium	<2.0		2.0		ug/L		11/17/25 13:47	11/19/25 13:55	1

Lab Sample ID: MB 500-843533/1-A

Matrix: Water

Analysis Batch: 844223

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843533

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<50		50		ug/L		11/17/25 13:47	11/20/25 12:31	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-843533/2-A

Matrix: Water

Analysis Batch: 844001

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	505		ug/L		101	80 - 120
Arsenic	100	91.8		ug/L		92	80 - 120
Barium	2000	2010		ug/L		101	80 - 120
Beryllium	50.0	51.1		ug/L		102	80 - 120
Cadmium	50.0	49.2		ug/L		98	80 - 120
Calcium	10.0	8.07		mg/L		81	80 - 120
Chromium	200	197		ug/L		98	80 - 120
Cobalt	500	506		ug/L		101	80 - 120
Lead	100	96.4		ug/L		96	80 - 120
Lithium	500	501		ug/L		100	80 - 120
Molybdenum	1000	954		ug/L		95	80 - 120
Selenium	100	96.4		ug/L		96	80 - 120
Thallium	100	96.3		ug/L		96	80 - 120

Lab Sample ID: LCS 500-843533/2-A

Matrix: Water

Analysis Batch: 844223

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	984		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-843937/12-A

Matrix: Water

Analysis Batch: 844177

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 843937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 09:53	1

Lab Sample ID: LCS 500-843937/13-A

Matrix: Water

Analysis Batch: 844177

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 843937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.07		ug/L		104	80 - 120

Lab Sample ID: 500-277704-10 MS

Matrix: Water

Analysis Batch: 844177

Client Sample ID: MW-06

Prep Type: Total/NA

Prep Batch: 843937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.20		1.00	0.947		ug/L		95	75 - 125

Lab Sample ID: 500-277704-10 MSD

Matrix: Water

Analysis Batch: 844177

Client Sample ID: MW-06

Prep Type: Total/NA

Prep Batch: 843937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	0.910		ug/L		91	75 - 125	4	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-277704-10 DU

Matrix: Water

Analysis Batch: 844177

Client Sample ID: MW-06

Prep Type: Total/NA

Prep Batch: 843937

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.20		<0.20		ug/L		NC	20

Lab Sample ID: MB 500-843943/12-A

Matrix: Water

Analysis Batch: 844177

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 843943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/19/25 11:10	11/20/25 10:51	1

Lab Sample ID: LCS 500-843943/13-A

Matrix: Water

Analysis Batch: 844177

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 843943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.02		ug/L		101	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-842514/1

Matrix: Water

Analysis Batch: 842514

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	12.0		10		mg/L			11/11/25 07:49	1

Lab Sample ID: LCS 500-842514/2

Matrix: Water

Analysis Batch: 842514

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	286		mg/L		114	80 - 120

Lab Sample ID: MB 500-843408/1

Matrix: Water

Analysis Batch: 843408

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			11/17/25 02:54	1

Lab Sample ID: LCS 500-843408/2

Matrix: Water

Analysis Batch: 843408

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

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 500-843593/1
Matrix: Water
Analysis Batch: 843593

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			11/18/25 03:33	1

Lab Sample ID: LCS 500-843593/2
Matrix: Water
Analysis Batch: 843593

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	268		mg/L		107	80 - 120

Lab Sample ID: MB 500-843834/1
Matrix: Water
Analysis Batch: 843834

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			11/19/25 03:47	1

Lab Sample ID: LCS 500-843834/2
Matrix: Water
Analysis Batch: 843834

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	268		mg/L		107	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-843384/37
Matrix: Water
Analysis Batch: 843384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			11/16/25 10:35	1

Lab Sample ID: MB 500-843384/52
Matrix: Water
Analysis Batch: 843384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			11/16/25 10:49	1

Lab Sample ID: MB 500-843384/97
Matrix: Water
Analysis Batch: 843384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			11/16/25 11:36	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: LCS 500-843384/38

Matrix: Water

Analysis Batch: 843384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.9		mg/L		104	85 - 115

Lab Sample ID: LCS 500-843384/53

Matrix: Water

Analysis Batch: 843384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.9		mg/L		105	85 - 115

Lab Sample ID: LCS 500-843384/98

Matrix: Water

Analysis Batch: 843384

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	21.6		mg/L		108	85 - 115

Lab Sample ID: 500-277704-2 MS

Matrix: Water

Analysis Batch: 843384

Client Sample ID: MW-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	55	F1	20.0	71.2		mg/L		79	75 - 125

Lab Sample ID: 500-277704-2 MSD

Matrix: Water

Analysis Batch: 843384

Client Sample ID: MW-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	55	F1	20.0	71.1		mg/L		78	75 - 125	0	20

Lab Sample ID: 500-277704-18 MS

Matrix: Water

Analysis Batch: 843384

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32		20.0	51.6		mg/L		96	75 - 125

Lab Sample ID: 500-277704-18 MSD

Matrix: Water

Analysis Batch: 843384

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32		20.0	51.2		mg/L		94	75 - 125	1	20

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-843596/3

Matrix: Water

Analysis Batch: 843596

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			11/17/25 09:33	1

Lab Sample ID: MB 500-843596/31

Matrix: Water

Analysis Batch: 843596

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			11/17/25 11:20	1

Lab Sample ID: LCS 500-843596/32

Matrix: Water

Analysis Batch: 843596

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: LCS 500-843596/4

Matrix: Water

Analysis Batch: 843596

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: 500-277704-11 MS

Matrix: Water

Analysis Batch: 843596

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.53		5.00	5.96		mg/L		109	75 - 125

Lab Sample ID: 500-277704-11 MSD

Matrix: Water

Analysis Batch: 843596

Client Sample ID: MW-07

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.53		5.00	6.02		mg/L		110	75 - 125	1	20

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-843402/16

Matrix: Water

Analysis Batch: 843402

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			11/16/25 13:02	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MB 500-843402/61

Matrix: Water

Analysis Batch: 843402

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			11/16/25 13:32	1

Lab Sample ID: LCS 500-843402/17

Matrix: Water

Analysis Batch: 843402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.3		mg/L		102	88 - 123

Lab Sample ID: LCS 500-843402/62

Matrix: Water

Analysis Batch: 843402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.9		mg/L		105	88 - 123

Lab Sample ID: 500-277704-4 MS

Matrix: Water

Analysis Batch: 843402

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	45		20.0	61.2	e1	mg/L		80	75 - 125

Lab Sample ID: 500-277704-4 MSD

Matrix: Water

Analysis Batch: 843402

Client Sample ID: MW-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	45		20.0	62.8	e1	mg/L		88	75 - 125	3	20

Lab Sample ID: 500-277704-18 MS

Matrix: Water

Analysis Batch: 843402

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	32		20.0	49.8		mg/L		91	75 - 125

Lab Sample ID: 500-277704-18 MSD

Matrix: Water

Analysis Batch: 843402

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	32		20.0	48.2		mg/L		83	75 - 125	3	20

Lab Sample ID: MB 500-844262/16

Matrix: Water

Analysis Batch: 844262

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			11/20/25 15:28	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: LCS 500-844262/17				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 844262							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.5		mg/L		108	88 - 123

18410 Crossing Drive Suite E
Tinley Park, IL 60487
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0.4-70.4

11/26/25

Ver 10/10/2024

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 1																	
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1113</u>		E-Mail: Dirk.Nelson@et.eurofins.com		State of Origin: <u>IL</u>		Page: Page 1 of 1 500-277704																	
Company: KPRG and Associates, Inc.		PWSID		Analysis Requested					Job #: <u>12313.1</u>																
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-277704 COC					Preservation Codes: D - HNO3, N - None																
City: Brookfield		TAT Requested (days): <u>Standard</u>							Other:																
State Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No																							
Phone: 262-781-0475(Tel)		PO #: 4502190231																							
Email: kaelyns@kprginc.com		WO #:																							
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project #: 50011612																							
Site: <u>Powerton</u>		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, DW=Drinking Water)		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:	
~~MW-01~~		~~11/11/25~~		~~1251~~		~~G~~		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-02~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
4 MW-03		11/11/25		1144		G		Water		NN		X		X		X		X				7			
~~MW-04~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-05~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-06~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-07~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-08~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
~~MW-09~~								~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~			
6 MW-10		11/11/25		1350		G		Water		NN		X		X		X		X				7			
7 Duplicate Z		11/11/25		-		G		Water		NN		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: <u>Jack Misner</u>				Date/Time: <u>11/11/2025 1515</u>				Company: <u>KPRG</u>				Received by: <u>FedEx</u>													
Relinquished by:				Date/Time:				Company:				Received by: <u>Stephanie Hemondy</u>													
Relinquished by:				Date/Time:				Company:				Received by:													
Relinquished by:				Date/Time:				Company:				Received by:													
Custody Seals Intact ☐ Yes ☐ No				Custody Seal No				Cooler Temperature(s) °C and Other Remarks: <u>4.3 to 4.1</u>																	

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment

Client Information		Sampler: <u>Jack Mizner</u>		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 1									
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Dirk.Nelson@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: 1 of 1									
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested				Job #: <u>12313-1</u>									
Address: 14665 West Lisbon Road Suite 1A		Due Date Requested		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td></tr> <tr><td>Perform MS/MSD (Yes or No)</td></tr> <tr><td>903.0, 904.0</td></tr> <tr><td>6020A, 7470A</td></tr> <tr><td>2540C, 4500_F_C, SM4500_CLE</td></tr> <tr><td>SM4500_SO4_E - Sulfate</td></tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Preservation Codes: D - HNO3 N - None			
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																	
City: Brookfield		TAT Requested (days): <u>Standard</u>		500-277704													
State Zip: WI 53005		Compliance Project: ☐ Yes ☐ No															
Phone: 262-781-0475(Tel)		PO #: 4502190231															
Email: kaelyns@kprginc.com		WO #:															
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 50011612															
Site: <u>Powerton</u>		SSOW#:															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:				
				Preservation Code													
~~MW-01~~					Water												
~~MW-02~~					Water												
~~MW-03~~					Water												
8 ~~MW-04~~ Duplicate 3		11/12/25	-	G	Water	N	X	X	X	X		7					
9 MW-05		11/11/25	1035	G	Water	N	N	X	X	X	X	7					
10 MW-06		11/12/25	0924	G	Water												
11 MW-07		11/12/25	0830	G	Water												
12 MW-08		11/12/25	1012	G	Water												
13 MW-09		11/12/25	1125	G	Water												
14 ~~MW-10~~ MW-12R		11/12/25	1300	G	Water												
15 MW-11		11/12/25	1350	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: <u>Jack Mizner</u>		Date/Time: <u>11/12/25 1530</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>11/12/25 1530</u>		Company: <u>FedEx</u>							
Relinquished by:		Date/Time:		Company:		Received by: <u>Shirley Lopez</u>		Date/Time: <u>11/13/25 0900</u>		Company: <u>BEA</u>							
Relinquished by:		Date/Time:		Company:		Received by: <u>Shirley Lopez</u>		Date/Time: <u>11/14/25 0910</u>		Company: <u>BEA</u>							
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>5.4-25.2, 5.9-7.507</u>								11/26/25					

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708 534-5200 Fax 708-534-5211

Chain of Custody Record



environment testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Nelson Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 2																	
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Dirk.Nelson@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: <u>218</u> of <u>1</u>																	
Company: KPRG and Associates Inc		PWSID		Analysis Requested						Job #: <u>12313.4</u>															
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested								Preservation Codes D HNO3 N None <u>500-277704</u>															
City: Brookfield		TAT Requested (days): <u>Standard</u>								Other:															
State Zip: WI, 53005		Compliance Project. ☐ Yes ☐ No																							
Phone: 262-781-0475(Tel)		PO #: 4502190231																							
Email: kaelyns@kprginc.com		WO #:																							
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612																							
Site: <u>Powerton</u>		SSOW#:																							
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0, 904.0		6020A, 7470A		2540C, 4500_F_C, SM4500_CLE		SM4500_SO4_E - Sulfate		Total Number of containers		Special Instructions/Note	
~~MW-12R~~								Water																	
MW-14		11/11/25		0832		G		Water		N		N		X		X		X				4			
MW-15		11/11/25		0934		G		Water		N		N		X		X		X		X		7			
~~MW-16~~								Water																	
~~MW-17~~								Water																	
~~MW-18~~								Water																	
~~MW-18A~~								Water																	
~~MW-19~~								Water																	
~~MW-21D~~								Water																	
~~MW-22~~								Water																	
~~Duplicate 1~~								Water																	
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months															
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements															
Empty Kit Relinquished by:				Date				Time				Method of Shipment													
Relinquished by: <u>Jack Misner</u>				Date/Time: <u>11/14/2025 1045</u>				Company: <u>KPRG</u>				Received by: <u>FedEx</u>													
Relinquished by:				Date/Time:				Company:				Received by: <u>Stephanie Hemminger</u>													
Relinquished by:				Date/Time:				Company:				Received by:													
Custody Seals Intact. ☐ Yes ☐ No				Custody Seal No				Cooler Temperature(s) °C and Other Remarks: <u>4.0+3.0</u>																	

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 2	
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Dirk.Nelson@et.eurofins.com		State of Origin: <u>IL</u>		Page 1 of 1	
Company: KPRG and Associates, Inc.		PW/SID		Analysis Requested		Job #: <u>12313-1</u>		Preservation Codes: D - HNO3, N - None	
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:				500-277704 COC		500-277704	
City: Brookfield		TAT Requested (days): <u>Standard</u>							
State Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No							
Phone: 262-781-0475(Tel)		PO #: 4502190231							
Email: kaelyns@kprginc.com		WO #:							
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Site: <u>Powerton</u>		SSOW#:		903.0, 904.0		6020A, 7470A		2540C, 4500_F.C, SM4500_C1_E	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air, DW=Drinking Water)	
						Preservation Code		X X D D N N	
~~MW-12B~~								Water	
~~MW-14~~								Water	
~~MW-15~~								Water	
18 MW-16		11/13/25		0838		G		Water	
MW-17								Water	
19 MW-18				1048				Water	
20 MW-18A				1117				Water	
21 MW-19				1356				Water	
22 MW-21D				1308				Water	
22 MW-22		11/13/25		1230		G		Water	
Duplicate 1								Water	
Possible Hazard Identification									
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☒ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I, II, III, IV, Other (specify)									
Special Instructions/QC Requirements									
Empty Kit Relinquished by		Date		Time		Method of Shipment			
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>11/13/2025 1530</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>11/13/2025</u>	
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hummer</u>		Date/Time: <u>11/15/25 1005</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>-0.9 + -0.9, 0.4 + 0.4</u>					
☐ Yes ☐ No									

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 10NOV25
ACTWGT: 59.95
CAD: 657009.95
DIMS: 24

60487 9287 77
TINLEY PARK, IL

R7
4614 11/11 07:05
184
A

RNGH

EXP 11/26

500-277704 Waybi

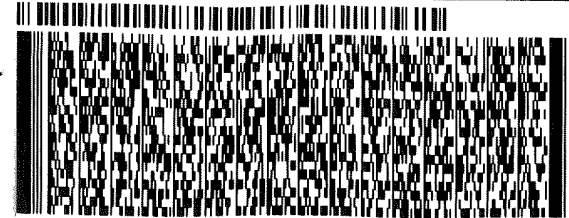
TO EUROFIN CHICAGO

18410 CROSSING DR
STE E
TINLEY PARK IL 60487

(000) 000-0000
INU:
PO:

REF:

DEPT:



FedEx
Express



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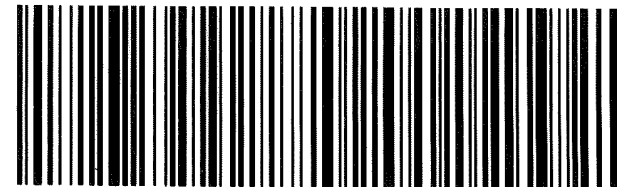
1 of 2

TRK# 8859 1813 5586
0201
MASTER

TUE - 11 NOV 8:30A
FIRST OVERNIGHT

X1 JOTA

AHS
60487
IL-US ORD





500-277704 Waybi

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11NOV25
ACTWGT: 65.95 LB
CAD: 6570090/ROSA2670
DIMS: 25x14x15 IN

BILL THIRD PARTY

Part # 136297-435 PROS EXP 1/26
2025/10/27 HRS

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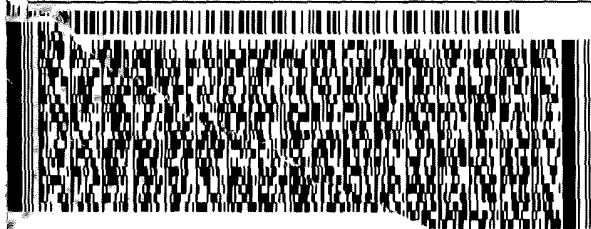
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SUITE E
TINLEY PARK IL 60487

(000) 000-0000

REF:

INVT

DEPT:



FedEx
Express



AN L072609204527

2 of 2

MPS# 8859 5459 3875
0263

Mstr# 8859 5459 3864

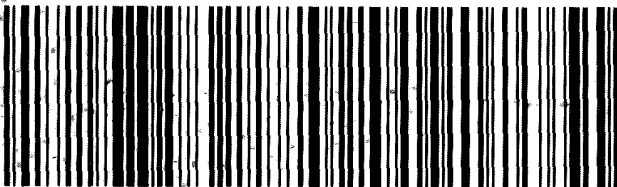
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WED - 11/25 NOV 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487

IL-US ORD



ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

SHIP DATE: 12NOV25
ACTWGT: 72.90 LB
CAD: 6570090/ROSA2670
DIMS: 24x14x13 IN

Part # 1562374

WESTMONT, IL 60559
UNITED STATES US

BILL THIRD PARTY

TO **EUROFINS CHICAGO**

**18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487**



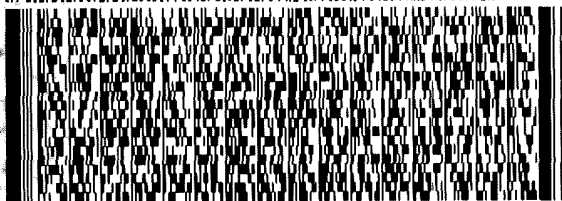
500-277704 Waybi

(000) 000-0000

REF:

INVO:
PO:

DEPT:



FedEx
Express



1107260520-927

3 of 4

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0263

Mstr# **8859 9087 5747**

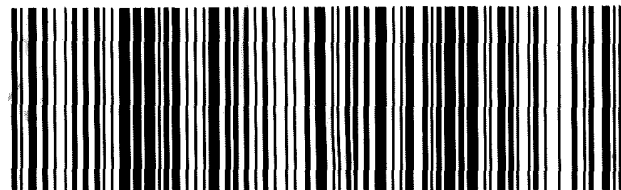
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**THU - 13 NOV 10:30A
PRIORITY OVERNIGHT**

XP JOTA

54752

IL-US ORD



ORIGIN ID: IAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 12NOV25
ACTWGT: 74.50 LB
CAD: 6570090/ROSA2670
DIMS: 24x14x13 IN

BILL THIRD PARTY

TO **EUROFINS CHICAGO**

**18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487**

500-277704 Waybl

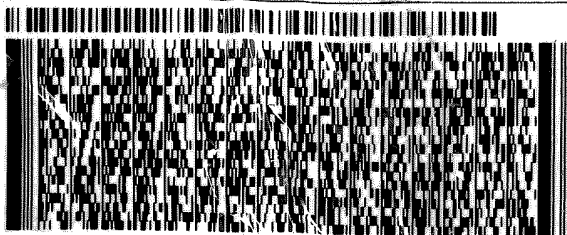
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INU:

PO:

DEPT:



FedEx
Express



AN 101726092019527

FedEx

MPS#
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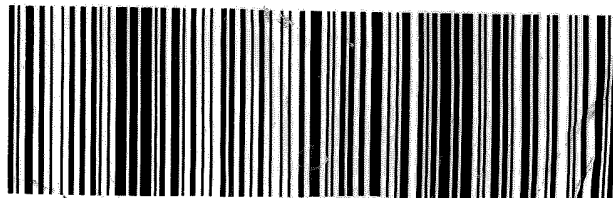
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PRIORITY OVERNIGHT

XG JOTA

60487

IL-US
ORD



367486 13Nov 10:05 MEMH 68HG2/501C/484B

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO EUROFINS CHICAGO

18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:

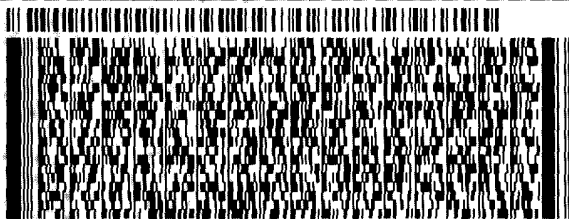
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PRIORITY OVERNIGHT
726-4564FL
ETP-14
SP-PD-100Y
60487-9287 TT
TINLEY PARK, IL

336-PR08-ENR 11/26

4.043.0



500-277704 Waybi



FedEx
Express



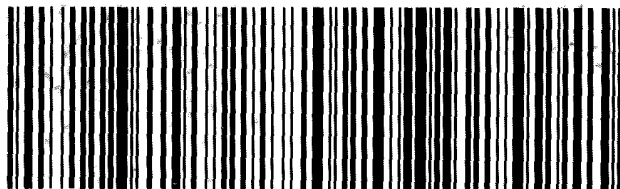
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TRK# 8860 5100 8216
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SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

AHS
60487
IL-US ORD



usat

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO EUROFINS CHICAGO

18410 CROSSING DR
STE E
TINLEY PARK IL 60487

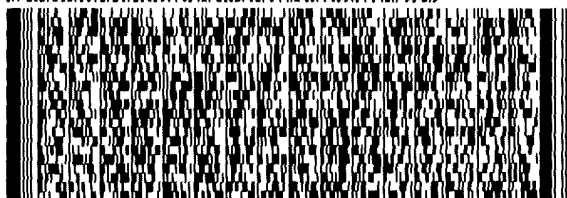
(000) 000-0000

REF:

THU1

PO1

DEPT:



FedEx
Express



10107605205-27

3 of 3

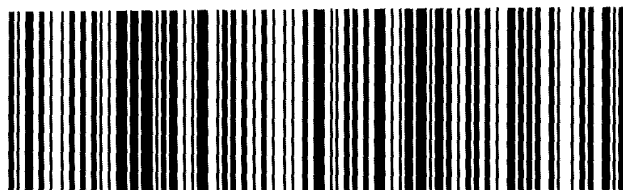
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0263

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0201

XP JOTA

60487
IL-US ORD



SHIP
DATE
11/15/01
18410 CROSSING DR
TINLEY PARK, IL
60487-9287 77
PRIORITY OVERNIGHT
726-4564FL
ETP 14 SP-PO:100-Y

Part # 156297-265-RT109-7126

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13NOV25
ACTWGT: 63.70 LB
CAD: 6570090/ROSA2670
DIMS: 24x12x13 IN

BILL THIRD PARTY

TO EUROFINS CHICAGO

18410 CROSSING DR
STE E
TINLEY PARK IL 60487

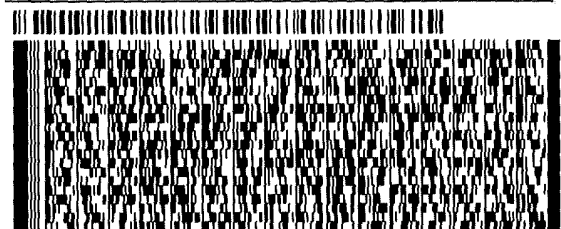
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REF:

THU1

PO1

DEPT:



10107605205-27

2 of 3

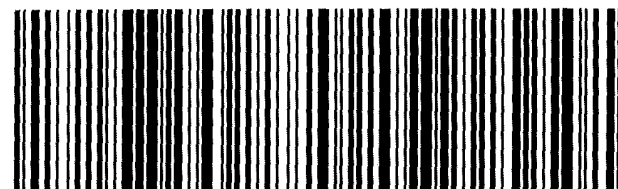
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0201

XP JOTA

60487
IL-US ORD



SHIP
DATE
11/15/01
18410 CROSSING DR
TINLEY PARK, IL
60487-9287 77
PRIORITY OVERNIGHT
726-4564FL
ETP 14 SP-PO:100-Y

500-277704 Waybi



Part # 156297

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-277704-1

Login Number: 277704

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4,4.1,5.2,5.7,3.8,-0.9,0.4 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 4Q25

Job ID: 500-277704-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-277704-1

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:21
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 12:30
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 09:57
Total/NA	Analysis	SM 2540C		1	842514	CLB	EET CHI	11/11/25 08:42
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 10:18
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:33
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 14:00

Client Sample ID: MW-02

Lab Sample ID: 500-277704-2

Date Collected: 11/10/25 12:36

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:32
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 12:41
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 09:59
Total/NA	Analysis	SM 2540C		1	842514	CLB	EET CHI	11/11/25 08:44
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 10:18
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:37
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:22
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/10/25 12:36

Client Sample ID: MW-04

Lab Sample ID: 500-277704-3

Date Collected: 11/10/25 11:30

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:39
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 12:48
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:00
Total/NA	Analysis	SM 2540C		1	842514	CLB	EET CHI	11/11/25 08:47
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:13
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:41
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:23

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-04

Date Collected: 11/10/25 11:30

Date Received: 11/11/25 07:45

Lab Sample ID: 500-277704-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/10/25 11:30

Client Sample ID: MW-01

Date Collected: 11/11/25 12:51

Date Received: 11/12/25 09:00

Lab Sample ID: 500-277704-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:41
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 12:50
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:02
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:19
Total/NA	Analysis	SM 4500 CI- E		2	843384	TR	EET CHI	11/16/25 11:13
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:45
Total/NA	Analysis	SM 4500 SO4 E		1	843402	TR	EET CHI	11/16/25 13:06
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 12:51

Client Sample ID: MW-03

Date Collected: 11/11/25 11:44

Date Received: 11/12/25 09:00

Lab Sample ID: 500-277704-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:43
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 12:53
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:08
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:22
Total/NA	Analysis	SM 4500 CI- E		2	843384	TR	EET CHI	11/16/25 11:13
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:50
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:55
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 11:44

Client Sample ID: MW-10

Date Collected: 11/11/25 13:50

Date Received: 11/12/25 09:00

Lab Sample ID: 500-277704-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:46

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-10

Lab Sample ID: 500-277704-6

Date Collected: 11/11/25 13:50

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 12:55
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:09
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:25
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:14
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 10:54
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:55
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 13:50

Client Sample ID: Duplicate 2

Lab Sample ID: 500-277704-7

Date Collected: 11/11/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:48
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 12:57
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:11
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:27
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:14
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:06
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:56

Client Sample ID: Duplicate 3

Lab Sample ID: 500-277704-8

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:50
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 12:59
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:17
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:14
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:14
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:10
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:56

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-05

Lab Sample ID: 500-277704-9

Date Collected: 11/11/25 10:35

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:52
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 13:02
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:19
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:30
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:15
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:13
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:56
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 10:35

Client Sample ID: MW-06

Lab Sample ID: 500-277704-10

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:55
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 13:04
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:21
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:16
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:15
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:17
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:57
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/12/25 09:24

Client Sample ID: MW-07

Lab Sample ID: 500-277704-11

Date Collected: 11/12/25 08:30

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:57
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 13:06
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:28
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:19
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:16
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:29

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-07

Lab Sample ID: 500-277704-11

Date Collected: 11/12/25 08:30

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:57
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/12/25 08:30

Client Sample ID: MW-08

Lab Sample ID: 500-277704-12

Date Collected: 11/12/25 10:12

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 15:59
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844878	RN	EET CHI	11/25/25 13:08
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:30
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:22
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:16
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:36
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:57

Client Sample ID: MW-09

Lab Sample ID: 500-277704-13

Date Collected: 11/12/25 11:25

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:06
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:32
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:24
Total/NA	Analysis	SM 4500 Cl- E		1	843384	TR	EET CHI	11/16/25 10:52
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:48
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:57

Client Sample ID: MW-12R

Lab Sample ID: 500-277704-14

Date Collected: 11/12/25 13:00

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:08
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:34
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:27
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:16

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-12R

Lab Sample ID: 500-277704-14

Date Collected: 11/12/25 13:00

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:52
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 13:58

Client Sample ID: MW-11

Lab Sample ID: 500-277704-15

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:11
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:39
Total/NA	Analysis	SM 2540C		1	843593	CLB	EET CHI	11/18/25 04:29
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:16
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:55
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 13:59

Client Sample ID: MW-14

Lab Sample ID: 500-277704-16

Date Collected: 11/11/25 08:32

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:13
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 13:15
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:41
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:32
Total/NA	Analysis	SM 4500 Cl- E		2	843384	TR	EET CHI	11/16/25 11:17
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 11:59
Total/NA	Analysis	SM 4500 SO4 E		100	844262	TR	EET CHI	11/20/25 15:57
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 08:32

Client Sample ID: MW-15

Lab Sample ID: 500-277704-17

Date Collected: 11/11/25 09:34

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:15
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:43
Total/NA	Analysis	SM 2540C		1	843408	CLB	EET CHI	11/17/25 03:35

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-15

Lab Sample ID: 500-277704-17

Date Collected: 11/11/25 09:34

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 11:17
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:02
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 14:00
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/11/25 09:34

Client Sample ID: MW-16

Lab Sample ID: 500-277704-18

Date Collected: 11/13/25 08:38

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:17
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:45
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:07
Total/NA	Analysis	SM 4500 Cl- E		1	843384	TR	EET CHI	11/16/25 10:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:05
Total/NA	Analysis	SM 4500 SO4 E		1	843402	TR	EET CHI	11/16/25 13:36
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/13/25 08:38

Client Sample ID: MW-18

Lab Sample ID: 500-277704-19

Date Collected: 11/13/25 10:48

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:20
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:47
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:10
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 12:20
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:17
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 14:00

Client Sample ID: MW-18A

Lab Sample ID: 500-277704-20

Date Collected: 11/13/25 11:17

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		1	844107	RN	EET CHI	11/19/25 16:22
Total Recoverable	Prep	3005A			843531	MS	EET CHI	11/17/25 13:45 - 11/17/25 19:45 ¹
Total Recoverable	Analysis	6020B		5	844878	RN	EET CHI	11/25/25 13:17

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-18A

Lab Sample ID: 500-277704-20

Date Collected: 11/13/25 11:17

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			843937	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:49
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:12
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 12:20
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:21
Total/NA	Analysis	SM 4500 SO4 E		1	843402	TR	EET CHI	11/16/25 13:35
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/13/25 11:17

Client Sample ID: MW-19

Lab Sample ID: 500-277704-21

Date Collected: 11/13/25 13:56

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		1	844001	RN	EET CHI	11/19/25 14:00
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		1	844223	RN	EET CHI	11/20/25 12:36
Total/NA	Prep	7470A			843943	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:54
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:15
Total/NA	Analysis	SM 4500 Cl- E		1	843384	TR	EET CHI	11/16/25 11:37
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:24
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 14:01

Client Sample ID: MW-21D

Lab Sample ID: 500-277704-22

Date Collected: 11/13/25 13:08

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		1	844001	RN	EET CHI	11/19/25 14:03
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		1	844223	RN	EET CHI	11/20/25 12:39
Total/NA	Prep	7470A			843943	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 10:56
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:18
Total/NA	Analysis	SM 4500 Cl- E		5	843384	TR	EET CHI	11/16/25 12:20
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:27
Total/NA	Analysis	SM 4500 SO4 E		2	843402	TR	EET CHI	11/16/25 14:01
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/13/25 13:08

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Client Sample ID: MW-22

Lab Sample ID: 500-277704-23

Date Collected: 11/13/25 12:30

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		1	844001	RN	EET CHI	11/19/25 14:05
Total Recoverable	Prep	3005A			843533	MS	EET CHI	11/17/25 13:47 - 11/17/25 19:47 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 12:56
Total/NA	Prep	7470A			843943	MJG	EET CHI	11/19/25 11:10 - 11/19/25 13:10 ¹
Total/NA	Analysis	7470A		1	844177	MJG	EET CHI	11/20/25 11:02
Total/NA	Analysis	SM 2540C		1	843834	CLB	EET CHI	11/19/25 04:20
Total/NA	Analysis	SM 4500 Cl- E		1	843384	TR	EET CHI	11/16/25 10:50
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:31
Total/NA	Analysis	SM 4500 SO4 E		5	843402	TR	EET CHI	11/16/25 14:01
Total/NA	Analysis	Field Sampling		1	844823	DN	EET CHI	11/13/25 12:30

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25

Job ID: 500-277704-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Parameter Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07
Field pH	6.87	7.19	7.19	6.72	6.91	7.56	6.92
Field Temp (deg C)	14.8	13.3	13.0	14.8	14.5	22.4	13.7
Field Specific Conductance (mS/cm)	0.983	0.829	0.840	1.170	1.098	1.336	1.635
Dissolved Oxygen (mg/L)	4.78	0.82	0.52	7.66	0.96	0.39	6.27
Field Turbidity (NTU)	22.84	22.32	21.95	26.73	25.46	20.51	90.94
ORP (mV)	56.5	93.6	25.1	122.0	23.4	-172.8	-54.3
Groundwater Elevation (ft)	434.72	431.11	429.23	430.69	431.59	448.28	432.12
Description	Clear	Clear	Clear	Clear	Clear	Clear	Slightly turbid
Sampling Method	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump

MW-10	MW-14	MW-15	MW-16	MW-17	MW-18A	MW-21D	MW-22
7.16	7.10	7.00	7.12	Dry well; no sample	6.76	7.32	6.91
12.6	9.8	14.6	13.8	Dry well; no sample	15.2	16.4	16.2
0.888	3.798	1.900	0.847	Dry well; no sample	2.445	1.152	1.077
4.30	1.68	0.41	7.82	Dry well; no sample	0.29	0.65	0.58
25.91	36.78	37.69	25.77	Dry well; no sample	31.92	25.42	24.96
61.3	93.5	-105.6	25.6	Dry well; no sample	-133.3	17.3	6.91
435.39	438.78	445.44	440.49	Dry well; no sample	438.14	435.05	434.66
Clear	Clear	Slightly turbid	Clear	Dry well; no sample	Clear	Clear	Clear
Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump	Dedicated Bladder Pump

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 12/23/25 09:06:05

JOB DESCRIPTION

Powerton CCR 4Q25 (RAD)

JOB NUMBER

500-277704-2

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: KPRG and Associates, Inc.
Project: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Job ID: 500-277704-2

Eurofins Chicago

Job Narrative 500-277704-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/11/2025 7:45 AM, 11/12/2025 9:00 AM, 11/13/2025 9:00 AM, 11/14/2025 9:10 AM and 11/15/2025 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were -0.9°C, 0.4°C, 0.4°C, 3.8°C, 4.1°C, 5.2°C and 5.7°C.

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 160-745587:

The Radium 228 laboratory control sample (LCS) associated with the following samples recovered at 130%: (LCS 160-745587/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

Method 904.0: Radium 228 Batch 160-745587:

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. MW-07 (500-277704-11).

Method 904.0: Radium-228 batch 160-745036:

The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-745036/2-A)

Method 904.0: Radium 228 Batch 160-746141:

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. MW-18 (500-277704-19) and MW-18A (500-277704-20)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

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 4Q25 (RAD)

Job ID: 500-277704-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-277704-1	Duplicate 1	Water	11/10/25 00:00	11/11/25 07:45	Illinois
500-277704-2	MW-02	Water	11/10/25 12:36	11/11/25 07:45	Illinois
500-277704-3	MW-04	Water	11/10/25 11:30	11/11/25 07:45	Illinois
500-277704-4	MW-01	Water	11/11/25 12:51	11/12/25 09:00	Illinois
500-277704-5	MW-03	Water	11/11/25 11:44	11/12/25 09:00	Illinois
500-277704-6	MW-10	Water	11/11/25 13:50	11/12/25 09:00	Illinois
500-277704-7	Duplicate 2	Water	11/11/25 00:00	11/12/25 09:00	Illinois
500-277704-8	Duplicate 3	Water	11/12/25 00:00	11/14/25 09:10	Illinois
500-277704-9	MW-05	Water	11/11/25 10:35	11/13/25 09:00	Illinois
500-277704-10	MW-06	Water	11/12/25 09:24	11/13/25 09:00	Illinois
500-277704-11	MW-07	Water	11/12/25 08:30	11/13/25 09:00	Illinois
500-277704-12	MW-08	Water	11/12/25 10:12	11/13/25 09:00	Illinois
500-277704-13	MW-09	Water	11/12/25 11:25	11/14/25 09:10	Illinois
500-277704-14	MW-12R	Water	11/12/25 13:00	11/14/25 09:10	Illinois
500-277704-15	MW-11	Water	11/12/25 13:50	11/14/25 09:10	Illinois
500-277704-17	MW-15	Water	11/11/25 09:34	11/15/25 10:05	Illinois
500-277704-18	MW-16	Water	11/13/25 08:38	11/15/25 10:05	Illinois
500-277704-19	MW-18	Water	11/13/25 10:48	11/15/25 10:05	Illinois
500-277704-20	MW-18A	Water	11/13/25 11:17	11/15/25 10:05	Illinois
500-277704-21	MW-19	Water	11/13/25 13:56	11/15/25 10:05	Illinois
500-277704-22	MW-21D	Water	11/13/25 13:08	11/15/25 10:05	Illinois
500-277704-23	MW-22	Water	11/13/25 12:30	11/15/25 10:05	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-277704-1

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 07:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.284	0.285	1.00	0.464	pCi/L	11/13/25 07:41	12/10/25 21:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					11/13/25 07:41	12/10/25 21:13	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	0.0120	U	0.432	0.432	1.00	0.798	pCi/L	11/13/25 07:45	12/10/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					11/13/25 07:45	12/10/25 12:00	1
Y Carrier	75.9		30 - 110					11/13/25 07:45	12/10/25 12:00	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	0.260	U	0.517	0.518	5.00	0.798	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-02

Lab Sample ID: 500-277704-2

Date Collected: 11/10/25 12:36

Matrix: Water

Date Received: 11/11/25 07:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0823	U	0.206	0.207	1.00	0.375	pCi/L	11/13/25 07:41	12/10/25 21:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					11/13/25 07:41	12/10/25 21:11	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.420	U	0.467	0.469	1.00	0.764	pCi/L	11/13/25 07:45	12/10/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					11/13/25 07:45	12/10/25 12:01	1
Y Carrier	76.6		30 - 110					11/13/25 07:45	12/10/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.502	U	0.510	0.513	5.00	0.764	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-04

Lab Sample ID: 500-277704-3

Date Collected: 11/10/25 11:30

Matrix: Water

Date Received: 11/11/25 07:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0205	U	0.143	0.143	1.00	0.307	pCi/L	11/13/25 07:41	12/10/25 21:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					11/13/25 07:41	12/10/25 21:11	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	-0.122	U	0.371	0.371	1.00	0.723	pCi/L	11/13/25 07:45	12/10/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					11/13/25 07:45	12/10/25 12:01	1
Y Carrier	76.6		30 - 110					11/13/25 07:45	12/10/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.143	U	0.398	0.398	5.00	0.723	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-01

Lab Sample ID: 500-277704-4

Date Collected: 11/11/25 12:51

Matrix: Water

Date Received: 11/12/25 09:00

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	0.0492	U	0.154	0.154	1.00	0.294	pCi/L	11/14/25 08:03	12/10/25 07:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.1		30 - 110					11/14/25 08:03	12/10/25 07:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.877		0.498	0.504	1.00	0.717	pCi/L	12/16/25 07:41	12/22/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110					12/16/25 07:41	12/22/25 12:07	1
Y Carrier	77.0		30 - 110					12/16/25 07:41	12/22/25 12:07	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	0.926		0.521	0.527	5.00	0.717	pCi/L		12/23/25 08:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-03

Lab Sample ID: 500-277704-5

Date Collected: 11/11/25 11:44

Matrix: Water

Date Received: 11/12/25 09:00

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	0.177	U	0.189	0.189	1.00	0.299	pCi/L	11/14/25 08:03	12/10/25 07:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.8		30 - 110					11/14/25 08:03	12/10/25 07:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.449	U	0.384	0.387	1.00	0.602	pCi/L	12/16/25 07:41	12/22/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					12/16/25 07:41	12/22/25 12:07	1
Y Carrier	81.9		30 - 110					12/16/25 07:41	12/22/25 12:07	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	0.626		0.428	0.431	5.00	0.602	pCi/L		12/23/25 08:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-10

Lab Sample ID: 500-277704-6

Date Collected: 11/11/25 13:50

Matrix: Water

Date Received: 11/12/25 09:00

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	0.589	U	0.419	0.422	1.00	0.607	pCi/L	11/14/25 08:03	12/10/25 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	51.5		30 - 110					11/14/25 08:03	12/10/25 07:46	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	0.219	U	0.459	0.460	1.00	0.809	pCi/L	12/16/25 07:41	12/22/25 12:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.7		30 - 110					12/16/25 07:41	12/22/25 12:10	1
Y Carrier	81.1		30 - 110					12/16/25 07:41	12/22/25 12:10	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	U	0.621	0.624	5.00	0.809	pCi/L		12/23/25 08:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: Duplicate 2

Lab Sample ID: 500-277704-7

Date Collected: 11/11/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

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	0.0644	U	0.173	0.173	1.00	0.321	pCi/L	11/14/25 08:03	12/10/25 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.2		30 - 110					11/14/25 08:03	12/10/25 07:46	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	0.174	U	0.300	0.301	1.00	0.518	pCi/L	12/16/25 07:41	12/22/25 12:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					12/16/25 07:41	12/22/25 12:10	1
Y Carrier	82.6		30 - 110					12/16/25 07:41	12/22/25 12:10	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	0.238	U	0.346	0.347	5.00	0.518	pCi/L		12/23/25 08:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: Duplicate 3

Lab Sample ID: 500-277704-8

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/14/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.264		0.149	0.151	1.00	0.200	pCi/L	11/18/25 08:07	12/10/25 23:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					11/18/25 08:07	12/10/25 23:06	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	0.335	U	0.331	0.333	1.00	0.532	pCi/L	11/18/25 08:09	12/08/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					11/18/25 08:09	12/08/25 11:56	1
Y Carrier	80.7		30 - 110					11/18/25 08:09	12/08/25 11:56	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	0.599		0.363	0.366	5.00	0.532	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-05

Lab Sample ID: 500-277704-9

Date Collected: 11/11/25 10:35

Matrix: Water

Date Received: 11/13/25 09:00

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	0.0466	U	0.125	0.125	1.00	0.232	pCi/L	11/18/25 08:07	12/10/25 23:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					11/18/25 08:07	12/10/25 23:06	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	1.27		0.572	0.584	1.00	0.776	pCi/L	11/18/25 08:09	12/08/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					11/18/25 08:09	12/08/25 11:57	1
Y Carrier	79.6		30 - 110					11/18/25 08:09	12/08/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.31		0.585	0.597	5.00	0.776	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-06

Lab Sample ID: 500-277704-10

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:00

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	0.111	U	0.156	0.156	1.00	0.264	pCi/L	11/17/25 08:25	12/09/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					11/17/25 08:25	12/09/25 07:39	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	0.156	U	0.451	0.451	1.00	0.793	pCi/L	11/17/25 08:28	12/08/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					11/17/25 08:28	12/08/25 12:03	1
Y Carrier	79.3		30 - 110					11/17/25 08:28	12/08/25 12:03	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	0.477	0.477	5.00	0.793	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-07

Lab Sample ID: 500-277704-11

Date Collected: 11/12/25 08:30

Matrix: Water

Date Received: 11/13/25 09:00

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	0.852		0.462	0.469	1.00	0.566	pCi/L	11/17/25 08:25	12/09/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	46.2		30 - 110					11/17/25 08:25	12/09/25 07:39	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	1.47	U G	1.24	1.25	1.00	1.96	pCi/L	11/17/25 08:28	12/08/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	46.2		30 - 110					11/17/25 08:28	12/08/25 12:03	1
Y Carrier	75.1		30 - 110					11/17/25 08:28	12/08/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.32		1.32	1.34	5.00	1.96	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-08

Lab Sample ID: 500-277704-12

Date Collected: 11/12/25 10:12

Matrix: Water

Date Received: 11/13/25 09:00

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	0.180	U	0.169	0.170	1.00	0.260	pCi/L	11/17/25 08:25	12/09/25 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					11/17/25 08:25	12/09/25 07:40	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	0.524	U	0.443	0.446	1.00	0.696	pCi/L	11/17/25 08:28	12/08/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					11/17/25 08:28	12/08/25 12:03	1
Y Carrier	78.5		30 - 110					11/17/25 08:28	12/08/25 12:03	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	0.704		0.474	0.477	5.00	0.696	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-09

Lab Sample ID: 500-277704-13

Date Collected: 11/12/25 11:25

Matrix: Water

Date Received: 11/14/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.252		0.165	0.166	1.00	0.221	pCi/L	11/18/25 08:07	12/10/25 23:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					11/18/25 08:07	12/10/25 23:06	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	1.01		0.584	0.591	1.00	0.856	pCi/L	11/18/25 08:09	12/08/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					11/18/25 08:09	12/08/25 11:57	1
Y Carrier	78.5		30 - 110					11/18/25 08:09	12/08/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.26		0.607	0.614	5.00	0.856	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-12R

Lab Sample ID: 500-277704-14

Date Collected: 11/12/25 13:00

Matrix: Water

Date Received: 11/14/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.150	U	0.155	0.155	1.00	0.245	pCi/L	11/18/25 08:07	12/10/25 23:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.9		30 - 110					11/18/25 08:07	12/10/25 23:06	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	0.176	U	0.424	0.425	1.00	0.748	pCi/L	11/18/25 08:09	12/08/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.9		30 - 110					11/18/25 08:09	12/08/25 11:57	1
Y Carrier	77.8		30 - 110					11/18/25 08:09	12/08/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.326	U	0.451	0.452	5.00	0.748	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-11

Lab Sample ID: 500-277704-15

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/14/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.373		0.194	0.197	1.00	0.240	pCi/L	11/18/25 08:07	12/10/25 23:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					11/18/25 08:07	12/10/25 23:06	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	-0.0488	U	0.427	0.427	1.00	0.812	pCi/L	11/18/25 08:09	12/08/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					11/18/25 08:09	12/08/25 11:57	1
Y Carrier	77.0		30 - 110					11/18/25 08:09	12/08/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.324	U	0.469	0.470	5.00	0.812	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-15

Lab Sample ID: 500-277704-17

Date Collected: 11/11/25 09:34

Matrix: Water

Date Received: 11/15/25 10:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.106	0.106	1.00	0.157	pCi/L	11/20/25 09:04	12/12/25 17:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					11/20/25 09:04	12/12/25 17:39	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	0.634	U	0.490	0.493	1.00	0.759	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	81.5		30 - 110					11/20/25 09:07	12/09/25 12:04	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	0.753	U	0.501	0.504	5.00	0.759	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-16

Lab Sample ID: 500-277704-18

Date Collected: 11/13/25 08:38

Matrix: Water

Date Received: 11/15/25 10:05

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	0.148	U	0.112	0.113	1.00	0.161	pCi/L	11/20/25 09:04	12/12/25 17:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					11/20/25 09:04	12/12/25 17:39	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	0.800	U	0.555	0.559	1.00	0.850	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	77.0		30 - 110					11/20/25 09:07	12/09/25 12:04	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	0.948		0.566	0.570	5.00	0.850	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-18

Lab Sample ID: 500-277704-19

Date Collected: 11/13/25 10:48

Matrix: Water

Date Received: 11/15/25 10:05

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	0.229		0.168	0.170	1.00	0.229	pCi/L	11/20/25 09:04	12/12/25 17:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.5		30 - 110					11/20/25 09:04	12/12/25 17:39	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	1.32	U G	0.885	0.893	1.00	1.33	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.5		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	77.4		30 - 110					11/20/25 09:07	12/09/25 12:04	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	1.55		0.901	0.909	5.00	1.33	pCi/L		12/22/25 15:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-18A

Lab Sample ID: 500-277704-20

Date Collected: 11/13/25 11:17

Matrix: Water

Date Received: 11/15/25 10:05

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	0.636		0.238	0.244	1.00	0.243	pCi/L	11/20/25 09:04	12/12/25 17:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.1		30 - 110					11/20/25 09:04	12/12/25 17:40	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	1.04	U G	0.731	0.738	1.00	1.11	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.1		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	79.3		30 - 110					11/20/25 09:07	12/09/25 12:04	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	1.67		0.769	0.777	5.00	1.11	pCi/L		12/22/25 15:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-19

Lab Sample ID: 500-277704-21

Date Collected: 11/13/25 13:56

Matrix: Water

Date Received: 11/15/25 10:05

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	0.142	U	0.108	0.109	1.00	0.154	pCi/L	11/20/25 09:04	12/12/25 17:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					11/20/25 09:04	12/12/25 17:40	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	0.368	U	0.404	0.406	1.00	0.660	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	78.1		30 - 110					11/20/25 09:07	12/09/25 12:04	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	0.510	U	0.418	0.420	5.00	0.660	pCi/L		12/22/25 15:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-21D

Lab Sample ID: 500-277704-22

Date Collected: 11/13/25 13:08

Matrix: Water

Date Received: 11/15/25 10:05

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	0.0488	U	0.0838	0.0839	1.00	0.148	pCi/L	11/20/25 09:04	12/12/25 17:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					11/20/25 09:04	12/12/25 17:40	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	0.346	U	0.393	0.394	1.00	0.645	pCi/L	11/20/25 09:07	12/09/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					11/20/25 09:07	12/09/25 12:04	1
Y Carrier	85.6		30 - 110					11/20/25 09:07	12/09/25 12:04	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	0.395	U	0.402	0.403	5.00	0.645	pCi/L		12/22/25 15:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-22

Lab Sample ID: 500-277704-23

Date Collected: 11/13/25 12:30

Matrix: Water

Date Received: 11/15/25 10:05

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	0.119		0.0780	0.0787	1.00	0.113	pCi/L	11/20/25 09:04	12/12/25 17:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					11/20/25 09:04	12/12/25 17:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.557	U	0.454	0.457	1.00	0.709	pCi/L	11/20/25 09:07	12/09/25 12:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					11/20/25 09:07	12/09/25 12:09	1
Y Carrier	79.6		30 - 110					11/20/25 09:07	12/09/25 12:09	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	0.676	U	0.461	0.464	5.00	0.709	pCi/L		12/22/25 15:56	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

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 4Q25 (RAD)

Job ID: 500-277704-2

Rad

Prep Batch: 745035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	PrecSep-21	
500-277704-2	MW-02	Total/NA	Water	PrecSep-21	
500-277704-3	MW-04	Total/NA	Water	PrecSep-21	
MB 160-745035/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745035/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-1	Duplicate 1	Total/NA	Water	PrecSep_0	
500-277704-2	MW-02	Total/NA	Water	PrecSep_0	
500-277704-3	MW-04	Total/NA	Water	PrecSep_0	
MB 160-745036/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745036/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 745246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-4	MW-01	Total/NA	Water	PrecSep-21	
500-277704-5	MW-03	Total/NA	Water	PrecSep-21	
500-277704-6	MW-10	Total/NA	Water	PrecSep-21	
500-277704-7	Duplicate 2	Total/NA	Water	PrecSep-21	
MB 160-745246/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745246/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-10	MW-06	Total/NA	Water	PrecSep-21	
500-277704-11	MW-07	Total/NA	Water	PrecSep-21	
500-277704-12	MW-08	Total/NA	Water	PrecSep-21	
MB 160-745586/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745586/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-10	MW-06	Total/NA	Water	PrecSep_0	
500-277704-11	MW-07	Total/NA	Water	PrecSep_0	
500-277704-12	MW-08	Total/NA	Water	PrecSep_0	
MB 160-745587/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745587/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 745751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-8	Duplicate 3	Total/NA	Water	PrecSep-21	
500-277704-9	MW-05	Total/NA	Water	PrecSep-21	
500-277704-13	MW-09	Total/NA	Water	PrecSep-21	
500-277704-14	MW-12R	Total/NA	Water	PrecSep-21	
500-277704-15	MW-11	Total/NA	Water	PrecSep-21	
MB 160-745751/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745751/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Rad

Prep Batch: 745752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-8	Duplicate 3	Total/NA	Water	PrecSep_0	
500-277704-9	MW-05	Total/NA	Water	PrecSep_0	
500-277704-13	MW-09	Total/NA	Water	PrecSep_0	
500-277704-14	MW-12R	Total/NA	Water	PrecSep_0	
500-277704-15	MW-11	Total/NA	Water	PrecSep_0	
MB 160-745752/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745752/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 746140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-17	MW-15	Total/NA	Water	PrecSep-21	
500-277704-18	MW-16	Total/NA	Water	PrecSep-21	
500-277704-19	MW-18	Total/NA	Water	PrecSep-21	
500-277704-20	MW-18A	Total/NA	Water	PrecSep-21	
500-277704-21	MW-19	Total/NA	Water	PrecSep-21	
500-277704-22	MW-21D	Total/NA	Water	PrecSep-21	
500-277704-23	MW-22	Total/NA	Water	PrecSep-21	
MB 160-746140/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746140/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 746141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-17	MW-15	Total/NA	Water	PrecSep_0	
500-277704-18	MW-16	Total/NA	Water	PrecSep_0	
500-277704-19	MW-18	Total/NA	Water	PrecSep_0	
500-277704-20	MW-18A	Total/NA	Water	PrecSep_0	
500-277704-21	MW-19	Total/NA	Water	PrecSep_0	
500-277704-22	MW-21D	Total/NA	Water	PrecSep_0	
500-277704-23	MW-22	Total/NA	Water	PrecSep_0	
MB 160-746141/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746141/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 749657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277704-4	MW-01	Total/NA	Water	PrecSep_0	
500-277704-5	MW-03	Total/NA	Water	PrecSep_0	
500-277704-6	MW-10	Total/NA	Water	PrecSep_0	
500-277704-7	Duplicate 2	Total/NA	Water	PrecSep_0	
MB 160-749657/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-749657/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-277704-5 DU	MW-03	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-745035/1-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745035

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.09406	U	0.169	0.169	1.00	0.301	pCi/L	11/13/25 07:41	12/10/25 21:13	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					11/13/25 07:41	12/10/25 21:13	1

Lab Sample ID: LCS 160-745035/2-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745035

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.819		1.18	1.00	0.295	pCi/L	92	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.7		30 - 110							

Lab Sample ID: MB 160-745246/1-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745246

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02640	U	0.136	0.136	1.00	0.268	pCi/L	11/14/25 08:03	12/10/25 07:52	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					11/14/25 08:03	12/10/25 07:52	1

Lab Sample ID: LCS 160-745246/2-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745246

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	10.29		1.32	1.00	0.303	pCi/L	108	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	70.2		30 - 110							

Lab Sample ID: MB 160-745586/1-A

Matrix: Water

Analysis Batch: 748579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745586

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1102	U	0.144	0.144	1.00	0.240	pCi/L	11/17/25 08:25	12/09/25 07:38	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-745586/1-A

Matrix: Water

Analysis Batch: 748579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745586

	MB	MB									
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac					
Ba Carrier	85.2		30 - 110	11/17/25 08:25	12/09/25 07:38	1					

Lab Sample ID: LCS 160-745586/2-A

Matrix: Water

Analysis Batch: 748579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745586

					Total						
Analyte		Spike	LCS	LCS	Uncert.	RL	MDC	Unit	%Rec	%Rec	
		Added	Result	Qual	(2σ+/-)				Limits		
Radium-226		9.57	11.36		1.37	1.00	0.259	pCi/L	119	75 - 125	
	LCS	LCS									
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	87.5		30 - 110								

Lab Sample ID: MB 160-745751/1-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745751

	MB	MB	Count	Total							
Analyte	Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
			(2σ+/-)	(2σ+/-)							
Radium-226	-0.01051	U	0.117	0.117	1.00	0.236	pCi/L	11/18/25 08:07	12/10/25 23:08	1	
	MB	MB									
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac	
Ba Carrier	90.0		30 - 110					11/18/25 08:07	12/10/25 23:08	1	

Lab Sample ID: LCS 160-745751/2-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745751

					Total						
Analyte		Spike	LCS	LCS	Uncert.	RL	MDC	Unit	%Rec	%Rec	
		Added	Result	Qual	(2σ+/-)				Limits		
Radium-226		9.57	9.962		1.14	1.00	0.192	pCi/L	104	75 - 125	
	LCS	LCS									
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	88.3		30 - 110								

Lab Sample ID: MB 160-746140/1-A

Matrix: Water

Analysis Batch: 749174

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 746140

	MB	MB	Count	Total							
Analyte	Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
			(2σ+/-)	(2σ+/-)							
Radium-226	-0.01136	U	0.0757	0.0757	1.00	0.164	pCi/L	11/20/25 09:04	12/12/25 10:07	1	
	MB	MB									
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac	
Ba Carrier	86.6		30 - 110					11/20/25 09:04	12/12/25 10:07	1	

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-746140/2-A

Matrix: Water

Analysis Batch: 749174

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 746140

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.441		1.09	1.00	0.180	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	83.5		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-745036/1-A

Matrix: Water

Analysis Batch: 748719

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745036

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6930	U	0.466	0.470	1.00	0.700	pCi/L	11/13/25 07:45	12/10/25 12:00	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	84.1		30 - 110							
Y Carrier	79.3		30 - 110							
								Prepared	Analyzed	Dil Fac
								11/13/25 07:45	12/10/25 12:00	1
								11/13/25 07:45	12/10/25 12:00	1

Lab Sample ID: LCS 160-745036/2-A

Matrix: Water

Analysis Batch: 748719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745036

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		7.86	9.884		1.44	1.00	0.711	pCi/L	126	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.7		30 - 110							
Y Carrier	74.0		30 - 110							

Lab Sample ID: MB 160-745587/1-A

Matrix: Water

Analysis Batch: 748400

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745587

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3680	U	0.432	0.434	1.00	0.712	pCi/L	11/17/25 08:28	12/08/25 12:02	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	85.2		30 - 110							
Y Carrier	79.6		30 - 110							
								Prepared	Analyzed	Dil Fac
								11/17/25 08:28	12/08/25 12:02	1
								11/17/25 08:28	12/08/25 12:02	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-745587/2-A

Matrix: Water

Analysis Batch: 748400

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745587

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		7.87	10.25		1.46	1.00	0.730	pCi/L	130	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.5		30 - 110							
Y Carrier	78.9		30 - 110							

Lab Sample ID: MB 160-745752/1-A

Matrix: Water

Analysis Batch: 748411

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745752

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5017	U	0.385	0.388	1.00	0.596	pCi/L	11/18/25 08:09	12/08/25 11:58	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	90.0		30 - 110							
Y Carrier	82.6		30 - 110							
								Prepared	Analyzed	Dil Fac
								11/18/25 08:09	12/08/25 11:58	1
								11/18/25 08:09	12/08/25 11:58	1

Lab Sample ID: LCS 160-745752/2-A

Matrix: Water

Analysis Batch: 748411

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745752

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		7.87	8.237		1.18	1.00	0.509	pCi/L	105	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	88.3		30 - 110							
Y Carrier	82.6		30 - 110							

Lab Sample ID: MB 160-746141/1-A

Matrix: Water

Analysis Batch: 748570

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 746141

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3717	U	0.410	0.412	1.00	0.671	pCi/L	11/20/25 09:07	12/09/25 12:02	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	86.6		30 - 110							
Y Carrier	84.1		30 - 110							
								Prepared	Analyzed	Dil Fac
								11/20/25 09:07	12/09/25 12:02	1
								11/20/25 09:07	12/09/25 12:02	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-746141/2-A

Matrix: Water

Analysis Batch: 748570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 746141

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228			7.87	9.184		1.37	1.00	0.756	pCi/L	117	75 - 125
	LCS	LCS									
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	83.5		30 - 110								
Y Carrier	80.7		30 - 110								

Lab Sample ID: MB 160-749657/1-A

Matrix: Water

Analysis Batch: 750692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749657

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2597	U	0.388	0.389	1.00	0.655	pCi/L	12/16/25 07:41	12/22/25 12:04	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					12/16/25 07:41	12/22/25 12:04	1
Y Carrier	82.6		30 - 110					12/16/25 07:41	12/22/25 12:04	1

Lab Sample ID: LCS 160-749657/2-A

Matrix: Water

Analysis Batch: 750692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749657

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228			7.83	9.565		1.33	1.00	0.532	pCi/L	122	75 - 125
	LCS	LCS									
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	88.0		30 - 110								
Y Carrier	81.9		30 - 110								

Lab Sample ID: 500-277704-5 DU

Matrix: Water

Analysis Batch: 750692

Client Sample ID: MW-03

Prep Type: Total/NA

Prep Batch: 749657

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.449	U	0.2462	U	0.346	1.00	0.581	pCi/L	0.28	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.6		30 - 110							
Y Carrier	81.5		30 - 110							

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0.4-70.4

12/23/25

Ver 10/10/2024

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Tinley Park, IL 60487

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 1																					
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1113</u>		E-Mail: Dirk.Nelson@et.eurofins.com		State of Origin: <u>IL</u>		Page: Page 1 of 1 500-277704																					
Company: KPRG and Associates, Inc.		PWSID		Analysis Requested					Job #: <u>12313.1</u>																				
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested		 500-277704 COC					Preservation Codes: D - HNO3, N - None																				
City: Brookfield		TAT Requested (days): <u>Standard</u>							Other:																				
State Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No																											
Phone: 262-781-0475(Tel)		PO #: 4502190231																											
Email: kaelyns@kprginc.com		WO #:																											
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling		Project #: 50011612																											
Site: <u>Powerton</u>		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, DW=Drinking Water)		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:					
~~MW-01~~		~~11/11/25~~		~~1251~~		~~G~~		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-02~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
4 MW-03		11/11/25		1144		G		Water		NN		X		X		X		X				7							
~~MW-04~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-05~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-06~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-07~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-08~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
~~MW-09~~		<del></del>		<del></del>		<del></del>		~~Water~~		~~NN~~		~~X~~		~~X~~		~~X~~		~~X~~		<del></del>		~~7~~							
6 MW-10		11/11/25		1350		G		Water		NN		X		X		X		X				7							
7 ~~MW-11~~ Duplicate Z		11/11/25		-		G		Water		NN		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: <u>Jack Misner</u>					Date/Time: <u>11/11/2025 1515</u>					Company: <u>KPRG</u>					Received by: <u>FedEx</u>					Date/Time: <u>11/11/2025 1515</u>					Company: <u>FedEx</u>				
Relinquished by:					Date/Time:					Company:					Received by: <u>Stephanie Hemondy</u>					Date/Time: <u>11/12/25 0900</u>					Company: <u>EEH</u>				
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:				
Custody Seals Intact ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks: <u>4.3 to 4.1</u>																			

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Chain of Custody Record



Environment

Client Information		Sampler: <u>Jack Mizner</u>		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 1									
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Dirk.Nelson@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: 1 of 1									
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested				Job #: <u>12313-1</u>									
Address: 14665 West Lisbon Road Suite 1A		Due Date Requested		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td></tr> <tr><td>Perform MS/MSD (Yes or No)</td></tr> <tr><td>903.0, 904.0</td></tr> <tr><td>6020A, 7470A</td></tr> <tr><td>2540C, 4500_F_C, SM4500_CLE</td></tr> <tr><td>SM4500_SO4_E - Sulfate</td></tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Preservation Codes: D - HNO3 N - None			
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																	
City: Brookfield		TAT Requested (days): <u>Standard</u>		500-277704													
State Zip: WI 53005		Compliance Project: ☐ Yes ☐ No															
Phone: 262-781-0475(Tel)		PO #: 4502190231															
Email: kaelyns@kprginc.com		WO #:															
Project Name: Powerton CCR Event Desc: Quarterly Powerton CCR Sampling		Project #: 50011612															
Site: <u>Powerton</u>		SSOW#:															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of containers	Other	Special Instructions/Note:			
MW-04					Water												
MW-02					Water												
MW-03					Water												
MW-04 Duplicate 3		11/12/25		G	Water	N	X	X	X	X				7			
MW-05		11/11/25	1035	G	Water	N	X	X	X	X				7			
MW-06		11/12/25	0924	G	Water												
MW-07		11/12/25	0830	G	Water												
MW-08		11/12/25	1012	G	Water												
MW-09		11/12/25	1125	G	Water												
MW-10 MW-12R		11/12/25	1300	G	Water												
MW-11		11/12/25	1350	G	Water	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: <u>Jack Mizner</u>		Date/Time: <u>11/12/25 1530</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>11/12/25 1530</u>		Company: <u>FedEx</u>							
Relinquished by:		Date/Time:		Company:		Received by: <u>Shirley Lopez</u>		Date/Time: <u>11/13/25 0900</u>		Company: <u>BEA</u>							
Relinquished by:		Date/Time:		Company:		Received by: <u>Shirley Lopez</u>		Date/Time: <u>11/14/25 0910</u>		Company: <u>BEA</u>							
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>5.4-25.2, 5.9-7.507</u>													

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Tinley Park, IL 60487

Phone 708 534-5200 Fax 708-534-5211

Chain of Custody Record



environment testing

Client Information		Sampler: <u>Jack Misner</u>		Lab PM: Nelson Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 2					
Client Contact: Kaelyn Sperle		Phone: <u>262-622-1143</u>		E-Mail: Dirk.Nelson@et.eurofinsus.com		State of Origin: <u>IL</u>		Page: <u>21</u> of <u>1</u>					
Company: KPRG and Associates Inc		PWSID		Analysis Requested						Job #: <u>12313.4</u>			
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested								Preservation Codes D HNO3 N None <u>500-277704</u>			
City: Brookfield		TAT Requested (days): <u>Standard</u>								Other:			
State Zip: WI, 53005		Compliance Project. ☐ Yes ☐ No											
Phone: 262-781-0475(Tel)		PO #: 4502190231											
Email: kaelyns@kprginc.com		WO #:											
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612											
Site: <u>Powerton</u>		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note
				Preservation Code				D	D	N	N		
~~MW-12R~~					Water								
16 MW-14		11/11/25	0832	G	Water	N	N		X	X	X	4	
17 MW-15		11/11/25	0934	G	Water	N	N	X	X	X	X	7	
~~MW-16~~					Water								
~~MW-17~~					Water								
~~MW-18~~					Water								
~~MW-18A~~					Water								
~~MW-19~~					Water								
~~MW-21D~~					Water								
~~MW-22~~					Water								
~~Duplicate 1~~					Water								
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by:		Date		Time		Method of Shipment							
Relinquished by: <u>Jack Misner</u>		Date/Time: <u>11/14/2025 1045</u>		Company: <u>KPRG</u>		Received by: <u>FedEx</u>		Date/Time: <u>11/14/2025 1045</u>		Company: <u>FedEx</u>			
Relinquished by:		Date/Time:		Company:		Received by: <u>Stephanie Hemminger</u>		Date/Time: <u>11/15/25 1005</u>		Company: <u>ETI</u>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>4.0+3.0</u>									

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Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: Jack Misner		Lab PM: Nelson, Dirk		Carrier Tracking No(s)		COC No: 500-142606-53342 2							
Client Contact: Kaelyn Sperle		Phone: 262-622-1143		E-Mail: Dirk.Nelson@et.eurofins.com		State of Origin: IL		Page 1 of 1							
Company: KPRG and Associates, Inc.		PW/SID		Analysis Requested		Job #: 12313-1		Preservation Codes: D - HNO3, N - None							
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:				500-277704		Other:							
City: Brookfield		TAT Requested (days): Standard													
State Zip: WI, 53005		Compliance Project: ☐ Yes ☐ No													
Phone: 262-781-0475(Tel)		PO #: 4502190231													
Email: kaelyns@kprginc.com		WO #:													
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling		Project #: 50011612		SSOW#:											
Site: Powerton															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered 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	500-277704 COC	Total Number of containers	Disposal By Lab	Special Instructions/Note:
				Preservation Code											
~~MW-12B~~					Water										
~~MW-14~~					Water										
~~MW-15~~					Water										
18	MW-16	11/13/25	0838	G	Water	N	N	X	X	X	X		7		
	MW-17				Water									INSUFFICIENT	
19	MW-18		1048		Water				X	X	X	X	7	WATER IN MW-17	
20	MW-18A		1117		Water								1	NO Samples	
21	MW-19		1356		Water										
22	MW-21D		1308		Water										
23	MW-22	11/13/25	1230	G	Water	N	N	X	X	X	X		7		
Duplicate 1					Water										
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☒ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I, II, III, IV, Other (specify)						Special Instructions/QC Requirements									
Empty Kit Relinquished by				Date		Time		Method of Shipment							
Relinquished by: Jack Misner				Date/Time: 11/13/2025 1530		Company: KPRG		Received by: FedEx		Date/Time: 11/13/2025		Company: FedEx			
Relinquished by:				Date/Time:		Company:		Received by: Stephanie Hummer		Date/Time: 11/15/25 1005		Company: EEH			
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact		Custody Seal No		Cooler Temperature(s) °C and Other Remarks											
☐ Yes ☐ No						-0.9 + -0.9, 0.4 + 0.4									

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 10NOV27
ACTWGT: 59.95
CAD: 657009.95
DIMS: 24

60487 9287 77
TINLEY PARK, IL

R7
4614 11/11 07:05
184
A

RNGH

EXP 11/26

500-277704 Waybi

TO EUROFIN CHICAGO

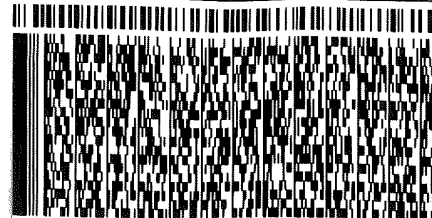
18410 CROSSING DR
STE E
TINLEY PARK IL 60487

(000) 000-0000

REF:

INU:

DEPT:



FedEx
Express



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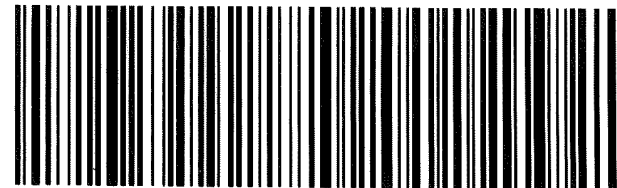
1 of 2

TRK# 8859 1813 5586
0201
MASTER

TUE - 11 NOV 8:30A
FIRST OVERNIGHT

X1 JOTA

AHS
60487
IL-US ORD





500-277704 Waybi

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106
WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 11NOV25
ACTWGT: 65.95 LB
CAD: 6570090/R08A2670
DIMS: 25x14x15 IN
BILL THIRD PARTY

Part # 136297-435 PROS EXP 1/26
2025/10/27 HRS

0 EUROFINS CHICAGO

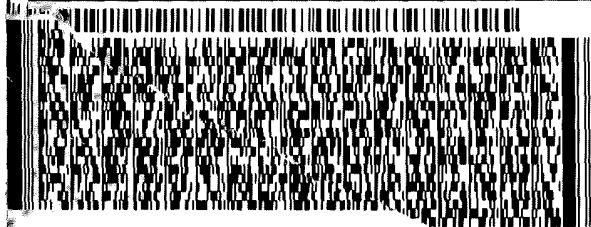
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487

17K8'h

(000) 000-0000
INVT
PO1

REF:

DEPT:



FedEx
Express



AN L0726092042527

2 of 2

WED - 11 NOV 10:30A
PRIORITY OVERNIGHT

MPS# 8859 5459 3875
0263

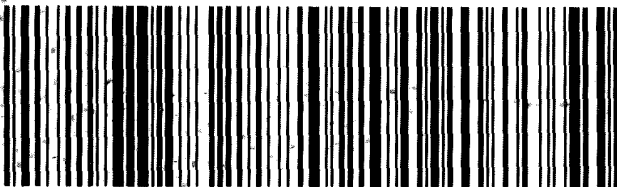
Mstr# 8859 5459 3864

0201

XP JOTA

60487

IL-US ORD



ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

SHIP DATE: 12NOV25
ACTWGT: 72.90 LB
CAD: 6570090/ROSA2670
DIMS: 24x14x13 IN

Part # 156297

WESTMONT, IL 60559
UNITED STATES US

BILL THIRD PARTY

TO **EUROFINS CHICAGO**

**18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487**



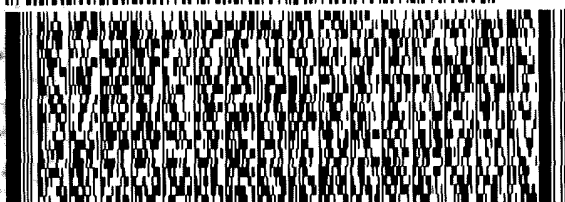
500-277704 Waybi

(000) 000-0000

REF:

INU:
PO:

DEPT:



FedEx
Express



1107240520-927

3 of 4

MPS# **8859 9087 5769**
0263

Mstr# **8859 9087 5747**

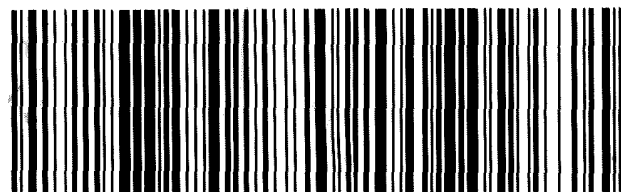
0201

**THU - 13 NOV 10:30A
PRIORITY OVERNIGHT**

XP JOTA

54752

IL-US ORD



ORIGIN ID: IAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 12NOV25
ACTWGT: 74.50 LB
CAD: 6570090/ROSA2670
DIMS: 24x14x13 IN

BILL THIRD PARTY

TO **EUROFINS CHICAGO**

**18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487**

500-277704 Waybl

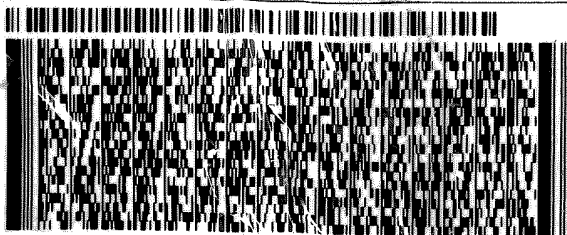
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REF:

INU:

PO:

DEPT:



FedEx
Express



AN 101726092019527

FedEx

MPS#
0263

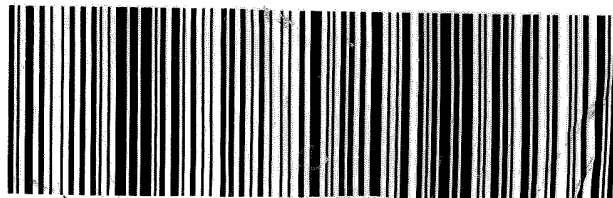
8859 9087 5758

PRIORITY OVERNIGHT

XG JOTA

60487

IL-US
ORD



367486 13Nov 10:05 MEMH 68HG2/501C/484B

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO EUROFINS CHICAGO

18410 CROSSING DRIVE
STE E
TINLEY PARK IL 60487

(000) 000-0000

REF:

DEPT:

4614 SAT 11/15 08:28
18410 CROSSING DR
PRIORITY OVERNIGHT
726-4564FL
ETP-14
SP-PD-100Y

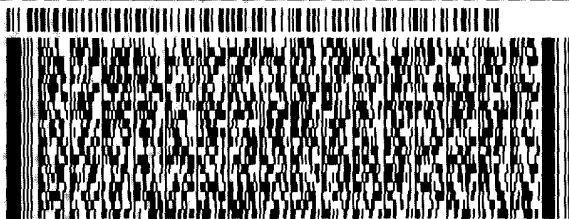
60487-9287 TT
TINLEY PARK,IL

336-RR08-2099 11/26

4.043.0



500-277704 Waybi



FedEx
Express



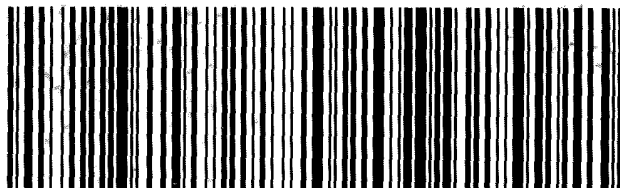
1010726202509240101

TRK# 8860 5100 8216
0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

AHS
60487
IL-US ORD



usat

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

TO EUROFINS CHICAGO

18410 CROSSING DR
STE E
TINLEY PARK IL 60487

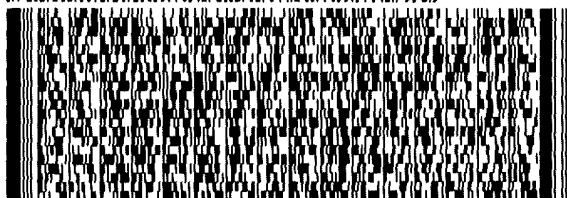
(000) 000-0000

REF:

THU1

PO1

DEPT:



FedEx
Express



10107605205-27

3 of 3

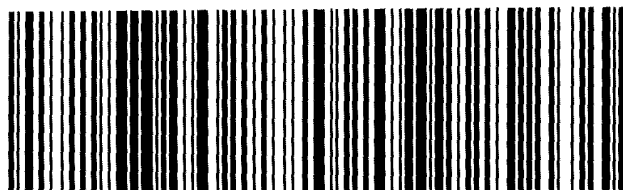
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0263

Mstr# 8860 2700 4710

0201

XP JOTA

60487
IL-US ORD



SHIP
DATE
01/15/11
SHIP TO
60487-9287 77
TINLEY PARK, IL
PRIORITY OVERNIGHT
726-4564FL
ETP 14 SP-PO:100-Y

Part # 156297-265-RT09-11/26

ORIGIN ID:PIAA (630) 325-1300
DAVID PYLES
KPRG AND ASSOCIATES
414 PLAZA DR STE 106

WESTMONT, IL 60559
UNITED STATES US

SHIP DATE: 13NOV25
ACTWTG: 63.70 LB
CAD: 6570090/ROSA2670
DIMS: 24x12x13 IN

BILL THIRD PARTY

TO EUROFINS CHICAGO

18410 CROSSING DR
STE E
TINLEY PARK IL 60487

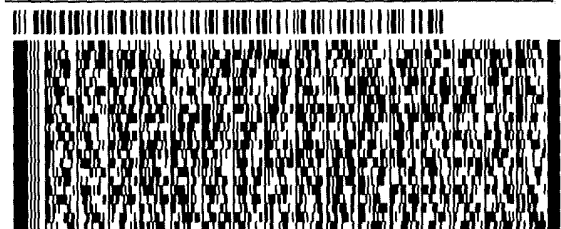
(000) 000-0000

REF:

THU1

PO1

DEPT:



10107605205-27

2 of 3

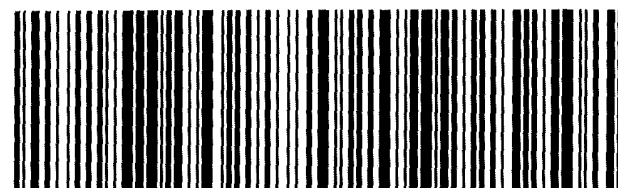
MPS# 8860 2700 4720
0263

Mstr# 8860 2700 4710

0201

XP JOTA

60487
IL-US ORD



SHIP
DATE
01/15/11
SHIP TO
60487-9287 77
TINLEY PARK, IL
PRIORITY OVERNIGHT
726-4564FL
ETP 14 SP-PO:100-Y

500-277704 Waybi



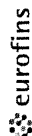
Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	GOC No: 500-214308-1					
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Dirk.Nelson@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1					
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois			Job #: 500-277704-2					
Address: 13715 Rider Trail North,		Preservation Codes:								
City: Earth City		Analysis Requested								
State, Zip: MO, 63045										
Phone: 314-298-8566(Tel) 314-298-8757(Fax)										
Email: N/A										
Project Name: Powerton CCR 4Q25										
Site: N/A										
Due Date Requested: 11/25/2025										
TAT Requested (days):										
PO #: N/A										
WO #: N/A										
Project #: 50011612										
SSOW#: N/A										
Sample Date		Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefail, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	903.0/P/PreSep_21 Standard Target List	904.0/P/PreSep_0 Standard Target List	Ra226Ra228_GFPc	Total Number of containers	Special Instructions/Note:
MW-01 (500-277704-4)	11/11/25	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-03 (500-277704-5)	11/11/25	11:44 Central	G	Water		X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-10 (500-277704-6)	11/11/25	13:50 Central	G	Water		X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 2 (500-277704-7)	11/11/25	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/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										
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2										
Empty Kit Relinquished by: _____ Date: _____ Time: _____										
Relinquished by: _____ Date/Time: 11/12/25 16:30 Company: EETA										
Relinquished by: _____ Date/Time: _____ Company: Cheyenne Forrest										
Relinquished by: _____ Date/Time: _____ Company: _____										
Custody Seals Intact: _____ Cooler Temperature(s) °C and Other Remarks: _____										
Custody Seal No.: _____										

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

[illegible]

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)										Carrier Tracking No(s): N/A	
Client Contact: N/A										N/A	
Shipping/Receiving N/A										State of Origin: Illinois	
Company: TestAmerica Laboratories, Inc.										Accreditations Required (See note): NELAP - Illinois	
Address: 113715 Rider Trail North, Civ: Earth City State, Zip: MO, 63045 Phone: 314-298-8566(Tel) 314-298-8757(Fax) Email: N/A Project Name: Powerton CCR 4Q25 Site: N/A										Due Date Requested: 11/24/2025 TAT Requested (days): N/A PO #: N/A WO #: N/A Project #: 50011612 SSOW#: N/A	
Sample Identification - Client ID (Lab ID)										Analysis Requested	
Sample ID										Total Number of Containers	
Duplicate 3 (500-277704-8)										3	
MW-09 (500-277704-13)										3	
MW-12R (500-277704-14)										3	
MW-11 (500-277704-15)										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	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)										Field Filtered Sample (Yes or No)	
Preservation Code:										Ra226Ra228_GFPc	
Sample Date										903.0/PreSep, 21 Standard Target List	
Sample Time										904.0/PreSep, 05 Standard Target List	
Sample Type (C=Comp, G=grab)										Perform MS/MSD (Yes or No)	
Matrix (Winter, Swallow, Onestall, Onestall, Onestall, Onestall)											

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-277704-2

Login Number: 277704

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4,4.1,5.2,5.7,3.8,-0.9,0.4 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: 500-277704-2

Login Number: 277704

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 11/12/25 12:27 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: 500-277704-2

Login Number: 277704

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/13/25 11:29 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-277704-2

Login Number: 277704

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/14/25 01:27 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: 500-277704-2

Login Number: 277704

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/17/25 01:07 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: 500-277704-2

Login Number: 277704

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/19/25 03:21 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.

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: Duplicate 1

Lab Sample ID: 500-277704-1

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745035	VLQ	EET SL	11/13/25 07:41
Total/NA	Analysis	903.0		1	748729	SWS	EET SL	12/10/25 21:13
Total/NA	Prep	PrecSep_0			745036	VLQ	EET SL	11/13/25 07:45
Total/NA	Analysis	904.0		1	748719	SWS	EET SL	12/10/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-02

Lab Sample ID: 500-277704-2

Date Collected: 11/10/25 12:36

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745035	VLQ	EET SL	11/13/25 07:41
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 21:11
Total/NA	Prep	PrecSep_0			745036	VLQ	EET SL	11/13/25 07:45
Total/NA	Analysis	904.0		1	748719	SWS	EET SL	12/10/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-04

Lab Sample ID: 500-277704-3

Date Collected: 11/10/25 11:30

Matrix: Water

Date Received: 11/11/25 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745035	VLQ	EET SL	11/13/25 07:41
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 21:11
Total/NA	Prep	PrecSep_0			745036	VLQ	EET SL	11/13/25 07:45
Total/NA	Analysis	904.0		1	748719	SWS	EET SL	12/10/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-01

Lab Sample ID: 500-277704-4

Date Collected: 11/11/25 12:51

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748729	SWS	EET SL	12/10/25 07:53
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	750869	CAH	EET SL	12/23/25 08:44

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-03

Lab Sample ID: 500-277704-5

Date Collected: 11/11/25 11:44

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748729	SWS	EET SL	12/10/25 07:53
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	750869	CAH	EET SL	12/23/25 08:44

Client Sample ID: MW-10

Lab Sample ID: 500-277704-6

Date Collected: 11/11/25 13:50

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:46
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:10
Total/NA	Analysis	Ra226_Ra228		1	750869	CAH	EET SL	12/23/25 08:44

Client Sample ID: Duplicate 2

Lab Sample ID: 500-277704-7

Date Collected: 11/11/25 00:00

Matrix: Water

Date Received: 11/12/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:46
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:10
Total/NA	Analysis	Ra226_Ra228		1	750869	CAH	EET SL	12/23/25 08:44

Client Sample ID: Duplicate 3

Lab Sample ID: 500-277704-8

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745751	VLQ	EET SL	11/18/25 08:07
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 23:06
Total/NA	Prep	PrecSep_0			745752	VLQ	EET SL	11/18/25 08:09
Total/NA	Analysis	904.0		1	748411	SWS	EET SL	12/08/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-05

Lab Sample ID: 500-277704-9

Date Collected: 11/11/25 10:35

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745751	VLQ	EET SL	11/18/25 08:07
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 23:06
Total/NA	Prep	PrecSep_0			745752	VLQ	EET SL	11/18/25 08:09
Total/NA	Analysis	904.0		1	748411	SWS	EET SL	12/08/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-06

Lab Sample ID: 500-277704-10

Date Collected: 11/12/25 09:24

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 07:39
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748400	SWS	EET SL	12/08/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-07

Lab Sample ID: 500-277704-11

Date Collected: 11/12/25 08:30

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 07:39
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748400	SWS	EET SL	12/08/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-08

Lab Sample ID: 500-277704-12

Date Collected: 11/12/25 10:12

Matrix: Water

Date Received: 11/13/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 07:40
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748400	SWS	EET SL	12/08/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-09

Lab Sample ID: 500-277704-13

Date Collected: 11/12/25 11:25

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745751	VLQ	EET SL	11/18/25 08:07
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 23:06
Total/NA	Prep	PrecSep_0			745752	VLQ	EET SL	11/18/25 08:09
Total/NA	Analysis	904.0		1	748411	SWS	EET SL	12/08/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-12R

Lab Sample ID: 500-277704-14

Date Collected: 11/12/25 13:00

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745751	VLQ	EET SL	11/18/25 08:07
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 23:06
Total/NA	Prep	PrecSep_0			745752	VLQ	EET SL	11/18/25 08:09
Total/NA	Analysis	904.0		1	748411	SWS	EET SL	12/08/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-11

Lab Sample ID: 500-277704-15

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/14/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745751	VLQ	EET SL	11/18/25 08:07
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 23:06
Total/NA	Prep	PrecSep_0			745752	VLQ	EET SL	11/18/25 08:09
Total/NA	Analysis	904.0		1	748411	SWS	EET SL	12/08/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-15

Lab Sample ID: 500-277704-17

Date Collected: 11/11/25 09:34

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:39
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-16

Lab Sample ID: 500-277704-18

Date Collected: 11/13/25 08:38

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:39
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-18

Lab Sample ID: 500-277704-19

Date Collected: 11/13/25 10:48

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:39
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/22/25 15:56

Client Sample ID: MW-18A

Lab Sample ID: 500-277704-20

Date Collected: 11/13/25 11:17

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:40
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/22/25 15:56

Client Sample ID: MW-19

Lab Sample ID: 500-277704-21

Date Collected: 11/13/25 13:56

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:40
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/22/25 15:56

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR 4Q25 (RAD)

Job ID: 500-277704-2

Client Sample ID: MW-21D

Lab Sample ID: 500-277704-22

Date Collected: 11/13/25 13:08

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:40
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748570	SWS	EET SL	12/09/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/22/25 15:56

Client Sample ID: MW-22

Lab Sample ID: 500-277704-23

Date Collected: 11/13/25 12:30

Matrix: Water

Date Received: 11/15/25 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	903.0		1	749173	SWS	EET SL	12/12/25 17:42
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	904.0		1	748569	SWS	EET SL	12/09/25 12:09
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/22/25 15:56

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 4Q25 (RAD)

Job ID: 500-277704-2

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-26

- 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 4Q25 (RAD)

Job ID: 500-277704-2

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)					
500-277704-1	Duplicate 1	78.6					
500-277704-2	MW-02	79.4					
500-277704-3	MW-04	85.5					
500-277704-4	MW-01	69.1					
500-277704-5	MW-03	68.8					
500-277704-6	MW-10	51.5					
500-277704-7	Duplicate 2	65.2					
500-277704-8	Duplicate 3	90.0					
500-277704-9	MW-05	89.4					
500-277704-10	MW-06	81.6					
500-277704-11	MW-07	46.2					
500-277704-12	MW-08	86.4					
500-277704-13	MW-09	89.1					
500-277704-14	MW-12R	88.9					
500-277704-15	MW-11	86.6					
500-277704-17	MW-15	77.9					
500-277704-18	MW-16	84.6					
500-277704-19	MW-18	62.5					
500-277704-20	MW-18A	73.1					
500-277704-21	MW-19	86.0					
500-277704-22	MW-21D	88.8					
500-277704-23	MW-22	83.2					
LCS 160-745035/2-A	Lab Control Sample	87.7					
LCS 160-745246/2-A	Lab Control Sample	70.2					
LCS 160-745586/2-A	Lab Control Sample	87.5					
LCS 160-745751/2-A	Lab Control Sample	88.3					
LCS 160-746140/2-A	Lab Control Sample	83.5					
MB 160-745035/1-A	Method Blank	84.1					
MB 160-745246/1-A	Method Blank	79.4					
MB 160-745586/1-A	Method Blank	85.2					
MB 160-745751/1-A	Method Blank	90.0					
MB 160-746140/1-A	Method Blank	86.6					

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)				
500-277704-1	Duplicate 1	78.6	75.9				
500-277704-2	MW-02	79.4	76.6				
500-277704-3	MW-04	85.5	76.6				
500-277704-4	MW-01	77.0	77.0				
500-277704-5	MW-03	83.2	81.9				
500-277704-5 DU	MW-03	82.6	81.5				
500-277704-6	MW-10	71.7	81.1				
500-277704-7	Duplicate 2	90.2	82.6				

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-277704-2

Project/Site: Powerton CCR 4Q25 (RAD)

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-277704-8	Duplicate 3	90.0	80.7
500-277704-9	MW-05	89.4	79.6
500-277704-10	MW-06	81.6	79.3
500-277704-11	MW-07	46.2	75.1
500-277704-12	MW-08	86.4	78.5
500-277704-13	MW-09	89.1	78.5
500-277704-14	MW-12R	88.9	77.8
500-277704-15	MW-11	86.6	77.0
500-277704-17	MW-15	77.9	81.5
500-277704-18	MW-16	84.6	77.0
500-277704-19	MW-18	62.5	77.4
500-277704-20	MW-18A	73.1	79.3
500-277704-21	MW-19	86.0	78.1
500-277704-22	MW-21D	88.8	85.6
500-277704-23	MW-22	83.2	79.6
LCS 160-745036/2-A	Lab Control Sample	87.7	74.0
LCS 160-745587/2-A	Lab Control Sample	87.5	78.9
LCS 160-745752/2-A	Lab Control Sample	88.3	82.6
LCS 160-746141/2-A	Lab Control Sample	83.5	80.7
LCS 160-749657/2-A	Lab Control Sample	88.0	81.9
MB 160-745036/1-A	Method Blank	84.1	79.3
MB 160-745587/1-A	Method Blank	85.2	79.6
MB 160-745752/1-A	Method Blank	90.0	82.6
MB 160-746141/1-A	Method Blank	86.6	84.1
MB 160-749657/1-A	Method Blank	84.6	82.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier