K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

ILLINOIS CCR COMPLIANCE
NATURE AND EXTENT OF IMPACTS EVALUATION
POWERTON GENERATING STATION

Midwest Generation, LLC
Powerton Station
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1.0 INTRODUCTION

1.1 Background

Groundwater monitoring requirements in accordance with the Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) and the issued facility CCR Operating Permit 2024-CO-100029 (Permit), have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Powerton Generating Station. The noted Operating Permit was issued on July 3, 2024 and covers the operating and groundwater monitoring requirements for all four CCR Surface Impoundments. Specifically, these are:

- Ash Surge Basin (ASB) – Pond ID W1798010008-01
- Metal Cleaning Basin (MCB) – Pond ID W1798010008-03
- Ash By-pass Basin (ABB) – Pond ID W1798010008-04
- Former Ash Basin (FAB) – Pond ID W1798010008-05

Initial Groundwater Protection Standards (GWPSs) have been established by the Operating Permit under Special Conditions #21 and #22, for the Silty Clay/Silt Unit and the Sand and Gravel Unit, respectively. Groundwater sampling of the permit defined well network during the 4th quarter 2024 confirmed the following detections above the currently established GWPS:

Silty Clay/Silt Unit
- MW-14: sulfate, total dissolved solids (TDS), molybdenum and thallium.
- MW-18A: TDS.

Sand and Gravel Unit
- MW-07: arsenic and cobalt.

In addition, during the 1st quarter 2025, the following additional confirmed detections were noted above the currently established GWPS:

Sand and Gravel Unit
- MW-10: boron and cobalt.

The locations of these wells are shown on Figure 1. Based on these confirmed detections above the Permit established GWPSs, a Notification of Exceedances was made by Midwest Generation in accordance with the requirements of Section 845.650(d) and placed in the facility's operating record in accordance with Section 845.800(d)(16). In addition, the notification was posted on the Midwest Generation State CCR compliance website per Section 845.810(e).

In conjunction with this Notification of Exceedances, the Midwest Generation Powerton Generating Station has initiated defining the nature and extent of impacts associated with the release as required under Section 845.650(d)(1).

1.2 Objectives

The objective of this study was to further define the nature and extent of impacts in accordance with Section 845.650(d)(1), specifically the extent of arsenic and cobalt impacts within the underlying sand and gravel unit downgradient of monitoring wells MW-07 and MW-10 and the extent of molybdenum, sulfate, thallium, and TDS impacts within the silty clay/silt unit downgradient of monitoring wells MW-18A and MW-14.

1.3 Organization of Report

This report documents the work performed and resulting data interpretations. Section 1.0 provides an introduction, Section 2.0 documents the field procedures used, and the analytical results and data interpretations are included in Section 3.0. Conclusions and Recommendations are provided in Section 4.0.

2.0 FIELD PROCEDURES

Field work for this assessment completed to date includes:

- Collection of groundwater samples from other existing monitoring wells in the vicinity of the ABB/ASB and the MCB that are not part of the identified Permit monitoring well sampling network. These wells include MW-08, MW-09, MW-11, MW-12R, MW-15, MW-17, MW-18, MW-19, and MW-23, and are referred to below as "assessment" monitoring wells.
- Installation and soil/groundwater sampling of a new sand and gravel unit assessment monitoring well, MW-24, located northwest, downgradient of well MW-07.
- Collection of two fill material samples from the berm fill of the Ash Surge Basin (ASB) for analysis of total and synthetic precipitation leaching procedure (SPLP) CCR parameters.
- Water depth sounding of the intake canal.
- Collection of three surface water samples from above the base of the intake canal.
- Collection of two pore water samples from along the bank of the intake canal.

The field procedures used are documented below.

2.1 Quarterly Groundwater Monitoring

Groundwater elevation measurements were collected on February 24, 2025 at twenty-three monitoring well locations, including one upgradient well (MW-16), four downgradient Silty Clay/Silt Unit wells (MW-06, MW-14, MW-22, and MW-18A), eight downgradient Sand and Gravel Unit wells (MW-01, MW-02, MW-03, MW-04, MW-05, MW-07, MW-10 and MW-21D), nine expanded assessment monitoring locations (MW-08, MW-09, MW-11, MW-12R, MW-15, MW-17, MW-18, MW-19, MW-23 and MW-24) and two fill piezometers (P-1, and P-2). Groundwater elevation measurements were collected using an electronic water level meter. The locations of these wells are included on Figure 1.

Groundwater samples from the Permit defined monitoring network as well as the expanded assessment monitoring wells were collected using dedicated QED bladder pumps (PVC shell and inlet screen, with a Teflon bladder) and high-density polyethylene (HDPE) twin-bonded tubing leads to air and water surface connections for sampling. Purging was considered complete when values of pH, temperature, specific conductance, and turbidity had stabilized. Field parameters, including pH, temperature, specific conductance, and turbidity, were monitored through a flow-through cell using a Yellow Springs Instruments (YSI) multi-parameter water quality measurement device that was calibrated prior to the start of sampling. Samples were collected unfiltered and placed directly into laboratory prepared jars with preservation as necessary and placed on ice. All groundwater monitoring samples were analyzed for the parameters specified in Section 845.600(a) plus calcium and turbidity.

2.2 New Assessment Monitoring Well Installation, Soil and Groundwater Sampling

Following mobilization to site, KPRG and the drilling contractor, Cabeno Field Services, conducted a site-walk for the purpose of borehole clearance and review of drilling activities.

Drilling began with the advancement of a hydraulic push-probe using a two-inch diameter drive rod to collect continuous soil samples to a total depth of 45 feet below ground surface (bgs). The soil samples were collected inside of a polyethylene sheath inserted into the end of the drive rod. The soil samples were visually logged in the field with respect to the soil type, grain size distribution, and color (or discoloration), and moisture content. Visual observations of the recovered material were documented in general conformance with ASTM Method D-2488-93. The boring log is provided in Appendix A. It is noted that fill, which included ash/slag, was encountered to a depth of approximately 12 feet bgs below which native materials were encountered. Therefore, a composite sample was collected of the fill materials and analyzed for CCR parameters and synthetic precipitation leaching procedure (SPLP) CCR metals parameter analysis.

Saturated conditions were encountered within the sand and gravel unit at approximately 37 feet below ground surface and the base of the well was set at approximately 45 feet bgs. The monitoring well was constructed of a 2-inch inner diameter, schedule 40 PVC with a 10-foot long, 0.010-slot screen. Sand pack material was placed to approximately two feet above the well screen. Bentonite chips were added up to 3 feet bgs followed by a concrete apron surface completion. Surface completion included a locked metal stick-up protective casing approximately three feet above ground surface. Well construction details are included on the boring log in Appendix A.

Following the completion of well construction activities, well development was initiated. The well was developed using a surge and pump technique with a submersible development pump. It was pumped intermittently to provide surging for 40 minutes at a rate of approximately 0.5 gallons/minute until the water ran clear. Color of the water varied from cloudy light brown to opaque light brown to opaque. Approximately 20 gallons were pumped out of the well.

A dedicated QED bladder pump was installed at monitoring well MW-24 on March 28, 2025. The pump consists of a PVC shell and inlet screen, with a Teflon bladder. High density polyethylene (HDPE) twin-bonded tubing leads to air and water surface connections for sampling. The sample collection in-take points for monitoring well MW-24 was placed just above the base of the well. Groundwater sampling was completed using the same procedures as discussed above.

The well location coordinates, ground elevation and top of casing elevation were surveyed by an Illinois licensed surveyor and are included in Attachment A.

2.3 Berm Fill/Soil Sampling

In compliance with Special Condition #19 of the Permit, in August 2024 a geoprobe boring program was completed through the berm materials surrounding the four regulated CCR surface impoundments. A total of 10 borings (B-1 through B-10 on Figure 1) were completed through the fill materials into underlying native soils with boring depths ranging from 20 to 35 feet below ground surface (bgs). Fill thickness was found to range from approximately 15.5 ft. to 30.5 ft. bgs. It is noted that the last depth interval (20 – 25 feet) at boring location B-10 did not have any recovery for logging/sampling due a damaged sampling sleeve believed due to pushing a rock/cobble. The boring log for the adjacent monitoring well, MW-02, indicates that bottom of fill was at approximately 23.5 feet bgs.

The working end of the geoprobe rig was cleaned between each boring. Individual samples were recovered in 5-foot plastic sleeves and visually logged. At each location, composites samples were collected at 10-foot vertical intervals. Sample composting was completed in the field by thoroughly mixing the recovered materials within each individual 10-foot interval and placing the sample into laboratory prepared containers. Upon completion, each boring was filled with bentonite chips. The boring logs are provided in Attachment 1. A total of 29 composite samples were collected from the 10 boring locations.

As part of this nature and extent of impacts evaluation, two additional geoprobe borings were located at previous berm boring locations B-5 and B-7 (identified as B-5A and B-7A on Figure 1). Two composite fill samples were collected per location for the purpose of SPLP analysis with the leachate being analyzed for CCR metals parameters.

2.4 Intake Canal Depth Soundings

The former intake canal is located immediately west of the MCB and is the discharge boundary for groundwater within the silty clay/silt layer flowing to the west. No data was available for the approximate base on the intake canal, therefore, depth soundings were measured using a Vexilar FL-18 at five locations within the canal as shown on Figure 1 (IC-1 through IC-5). In addition, depth to bottom was also recorded using a water level meter to verify the Vexilar FL-18 depth sounding measurements. Approximate surface water elevation at the time of measurements was estimated using a hand-held GPS unit. These measurements were used to guide subsequent canal water sampling discussed below.

2.5 Intake Canal Surface Water Sampling

Based on the above noted depth soundings, water samples from the canal were collected using a peristaltic pump and PVC conduit to which Low Density Polyethylene (LDPE) tubing was attached. This allowed for the collection of a sample of the water column representative of our target depth at approximately six inches above the bottom of the intake canal. A total of three surface water samples were collected corresponding

with depth measurement locations IC-2 through IC-4 (see Figure 1) and placed directly into laboratory prepared containers for analysis of CCR parameters.

2.6 Intake Canal Pore Water Sampling

Since it was not possible to place a well downgradient (west) of the MCB due to the steep slope leading down to the intake canal, two pore water samples were collected just above the interface of the water within the canal and the side slope of the MCB. Pore water samples were collected using a 1.5-inch outer diameter mill-slotted drill rod with a solid drive point tip. The drive rod was driven into the sediment just above the canal side-slope and surface water interface. Pore water was then extracted from inside the drill rod using a peristaltic pump and LDPE tubing. Samples were collected unfiltered and placed directly into laboratory prepared jars with preservation as necessary and placed on ice. All pore water samples were analyzed for CCR parameters.

2.7 Sample Handling

All samples were collected directly into laboratory prepared containers, labeled appropriately, stored on ice and shipped via Federal Express to the Eurofins Analytical Laboratory in Tinley Park, Illinois for chemical analysis. Each sample shipment was accompanied with a properly completed chain-of-custody. The resulting analytical data packages are provided in Appendix B.

3 ANALYTICAL RESULTS

3.1 Groundwater Monitoring Data Summary

3.1.1 Groundwater Elevations

To aid in the review of the quarterly groundwater monitoring elevation data, groundwater elevation results are presented in Table 1 and groundwater flow maps using April 2025 water level data (after survey of new monitoring well MW-24 completed) for the silt/clay and sand/gravel units are provided on Figures 2 and 3, respectively. A water elevation for the former intake canal was also measured at that time and is included on Figure 2.

Relative to the silt/silty clay unit (see Figure 2), groundwater flow beneath the ABB, ASB and MCB indicates divergent flow within this unit which 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 canal, 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 located to the east. The divergent flow, as noted above, is a function of topography, stratigraphy and the presence of the unlined Former Ash Basin to the east. It is noted that 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 is generally in a northerly direction with some divergent flow to the northeast and/or northwest. The water level associated with the new downgradient monitoring well MW-24 suggests, unlike for the silty clay/silt unit where groundwater discharges into the former inlet canal, there is some underflow beneath that canal within the sand and gravel unit. The water level recorded for the Illinois River based on the USGS Gauge at the Kingston Mine station is included on Figure 3 and the staff gauge located within Lost Creek established north of well MW-02 was dry.

3.1.2 Groundwater Analytical Results

To aid in the review of the quarterly groundwater monitoring results, analytical results for the Silt/Clay Unit and Sand/Gravel Unit are presented in Table 2 and Table 3, respectively. Groundwater analytical results for expanded assessment monitoring locations associated with the Silt/Clay and Sand/Gravel Unit are provided on Tables 4 and 5, respectively. A copy of the laboratory reports from the 1st quarter 2025 groundwater monitoring and verification sampling events are included in Appendix B. Results were compared to historical data collected at each individual well and to approved GWPSs.

Permit Monitoring Well Data

A review of Permit well data, as shown in Tables 2 and 3, indicates a total of six analytical results were above their respective GWPSs during the 1st quarter 2025. These included:

Silty Clay/Silt Unit

- MW-14: sulfate (1,400 mg/l), thallium (0.0021 mg/l) and TDS (3,400 mg/l)
- MW-18A: TDS (1,500 mg/l)

It should be noted that the 1st quarter 2025 result for molybdenum at well MW-14 (0.064 mg/L) is both below the previously verified detection observed in the 4th quarter 2024 (0.11 mg/L) and its permit established GWPS (0.10 mg/L).

Sand and Gravel Unit

- MW-7: arsenic (0.15 mg/l) and cobalt (0.01 mg/l)
- MW-10: boron (6.7 mg/l) and cobalt (0.0084 mg/l)

Assessment Monitoring Well Data

A review of Assessment well groundwater sampling data (i.e., data for monitoring wells not part of the identified Permit monitoring well sampling network), as shown in Tables 4 and 5, indicates the following detections above the current permit established GWPSs:

Silty Clay/Silt Unit

- MW-12R: arsenic (0.024 mg/l)
- MW-15: TDS (1,400 mg/l)

Sand and Gravel Unit

- MW-11: arsenic (0.027 mg/l)
- MW-24: arsenic (0.021 mg/l)

3.2 Fill Material CCR Parameter Sampling and SPLP Data

Since, as noted in Section 2.2 above, approximately 12 feet of fill materials (which included ash/slag) were encountered during the drilling of assessment well MW-24, a composite sample of the fill was collected and analyzed for CCR parameters. This data is presented in Table 6. In addition, as part of the Operating Permit requirements under Special Condition 19, ten borings were completed in August 2024 within the berms surrounding the various regulated ash basins (borings B-1 through B-10 on Figure 1) and composite samples were collected every 10 feet vertically through the fill materials and analyzed for CCR parameters. These data are also included in Table 6.

In addition to the total CCR parameter sampling, SPLP testing of the CCR metals was performed for the fill material sample collected at new assessment well location MW-

24. SPLP samples were also collected as part of this assessment evaluation at previous berm sampling locations B-5 and B-7 (labeled B-5A and B-7A). The SPLP leachate was analyzed for CCR metals parameters. The SPLP data is summarized in Table 7. A review of the SPLP data indicated that all CCR metals parameters were not detected except for calcium in all samples and boron from sample location B-5A-1 (0-10'). There is no Permit issued GWPS for calcium and the noted SPLP leachate boron detection was 0.11 mg/l which is substantially below the current permit GWPS of 4.7 mg/l.

3.3 Intake Canal Depth Soundings

As previously noted, the former intake canal is located immediately west of the Metals Cleaning Basin (MCB) and is believed to be the discharge boundary for groundwater within the silty clay/silt layer flowing to the west. Depth to the bottom of the canal at the time of measurement ranged from approximately 3.9 to 4.5 feet below water surface which based on subsequent survey data is estimated to be at approximately 431.5 feet amsl.

3.4 Intake Canal Surface Water Sampling

To aid in the review of Intake Canal surface water sampling, full list CCR parameter analytical results are presented in Table 8 and a copy of the laboratory report is included in Appendix B. A review of Table 8, indicates there are no CCR parameter exceedances when compared to the General Use Water Quality Standards (35 IAC 303.210 (B)). In addition, none of the values were above current permit established GWPSs for those parameters.

3.5 Intake Canal Pore Water Sampling

To aid in this nature and extent of impacts evaluation, pore water samples were collected from just above the interface of the berm side slope and the surface water of the former intake canal as discussed in Section 2.6 above. The pore water samples were analyzed for the full list CCR parameters and the data are summarized in Table 8. A copy of the laboratory report is included in Appendix B. A review of Table 8, indicates there were no CCR parameter detections above current permit established GWPSs.

3.6 Extent of Impacts – Silt/Silty Clay Unit

3.6.1 Sulfate

The established site-specific GWPS for sulfate is 400 mg/l. A box plot and isoconcentration contour map for sulfate using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 4. A review of Figure 4 indicates that the extent of sulfate impacts above the GWPS has been fully defined in all directions by monitoring well data and pore water sampling data. The sulfate detection above the GWPS appears to be fairly isolated to the vicinity of wells MW-14 and MW-18A.

3.6.2 Total Dissolved Solids (TDS)

The established site-specific GWPS for TDS is 1,200 mg/L. A box plot and isoconcentration contour map for TDS using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 5. A review of Figure 5 indicates that the extent of TDS impacts above the GWPS has been fully defined in all directions by monitoring well and pore water sampling data. The area of impact is outlined on the figure including wells MW-14, MW-15, MW-17 and MW-18A. It is noted that the saturated Silt/Silty Clay Unit pinches out and/or is interrupted by the unlined Former Ash Basin to the northeast and north of well MW-18A.

3.6.3 Molybdenum

The established site-specific GWPS for molybdenum is 0.10 mg/L. A box plot map for molybdenum using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 6. It is noted that the 1st quarter 2025 data did not indicate any groundwater impacts for molybdenum above its GWPS including for well MW-14 which had a confirmed detection above the GWPS during the 2024 sampling. This suggests that the noted detection above the GWPS at MW-14 may have been a temporal or statistical anomaly as a review of previous data for that well also shows concentrations below the GWPS. Since there were no further detections at any of the monitoring wells above the GWPS, no GWPS isoconcentration contour is provided on the figure.

3.6.4 Thallium

The established site-specific GWPS for thallium is 0.002 mg/L. A box plot and isoconcentration contour map for thallium using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 7. A review of Figure 7 indicates that the extent of thallium impacts above the GWPS has been fully defined in all directions by monitoring well data and pore water sampling data. The thallium detection above the GWPS appears to be fairly isolated to the vicinity of well MW-14.

3.7 Extent of Impacts – Sand and Gravel Unit

3.7.1 Arsenic

The established site-specific GWPS for arsenic is 0.010 mg/L. A box plot and isoconcentration contour map for arsenic using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 8. A review of Figure 8 indicates that the extent of arsenic impacts above the GWPS has been sufficiently defined in all directions with the exception of the northwesterly downgradient direction. The new assessment monitoring well MW-24 had a confirmed detection of arsenic at 0.021 mg/l which is still above the GWPS.

3.7.2 Cobalt

The established site-specific GWPS for cobalt is 0.006 mg/L. A box plot and isoconcentration contour map for cobalt using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 9. A review of Figure 9 indicates that the extent of cobalt impacts above the GWPS has been sufficiently defined in all directions. The impacts appear to be limited to the vicinity of Permit wells MW-07 and MW-10.

3.7.3 Boron

The established site-specific GWPS for boron is 4.7 mg/l. A box plot and isoconcentration contour map for boron using the most recent data from the 1st quarter 2025 groundwater monitoring event is provided on Figure 10. A review of Figure 10 indicates that the extent of boron impacts above the GWPS has been sufficiently defined in all directions. The impacts appear to be limited to the vicinity of Permit well MW-10.

4 CONCLUSIONS/RECOMMENDATIONS

4.1 Conclusions

Relative to the silty clay/silt unit, the extent of sulfate, TDS, molybdenum and thallium impacts have been sufficiently defined in all directions. It is noted that the 1st quarter 2025 data did not indicate any groundwater impacts for molybdenum above its GWPS including for well MW-14 which had a confirmed detection above the GWPS during the 2024 sampling. This suggests that the noted detection above the GWPS at MW-14 may have been a temporal or statistical anomaly as a review of previous data for that well also shows concentrations below the GWPS.

Relative to the sand and gravel unit, the extent of boron and cobalt impacts has been sufficiently defined in all directions. The extent of arsenic impacts has been defined in all directions except for downgradient to the northwest since new assessment monitoring well had a confirmed detection of arsenic of 0.021 mg/l which is still above the GWPS for arsenic of 0.010 mg/l.

4.2 Recommendations

Based on the conclusions presented above, it is recommended to install one additional assessment well to the north-northwest of well MW-24. The purpose of this well is to assist in further defining the extent of arsenic impacts in the northwesterly direction. The proposed well location is shown on Figure 8, identified as MW-25.

TABLES

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-16	5/12/2015	471.56	27.02	444.54	12.15	415.02
Sand and Gravel Unit	8/18/2015	471.56	22.83	448.73	4.62	422.55
CCR Permit Sampling	11/16/2015	471.56	27.63	443.93	4.38	422.79
Upgradient Monitoring Well	2/24/2016	471.55	24.12	447.43	8.02	419.15
	5/16/2016	471.55	25.09	446.46	14.53	412.64
	8/15/2016	471.55	26.42	445.13	7.11	420.06
	11/14/2016	471.55	26.27	445.28	6.35	420.82
	2/13/2017	471.55	25.38	446.17	NA	NA
	5/2/2017	471.55	23.30	448.25	18.5	408.67
	8/23/2017	471.55	27.11	444.44	3.86	423.31
	11/9/2017	471.55	27.49	444.06	6.7	420.47
	3/8/2018	471.55	25.56	445.99	19.72	407.45
	5/17/2018	471.55	25.64	445.91	9.93	417.24
	8/8/2018	471.55	27.19	444.36	2.13	425.04
	10/31/2018	471.55	27.72	443.83	4.76	422.41
	2/25/2019	471.55	23.60	447.95	16.74	410.43
	4/29/2019	471.55	22.97	448.58	14.04	413.13
	8/26/2019	471.55	25.50	446.05	3.61	423.56
	11/11/2019	471.55	23.10	448.45	15.92	411.25
	2/24/2020	471.55	23.59	447.96	12.84	414.33
	4/27/2020	471.55	23.50	448.05	12.64	414.53
	8/10/2020	471.55	24.70	446.85	4.38	422.79
	12/7/2020	471.55	27.69	443.86	2.97	424.2
	2/22/2021	471.55	27.60	443.95	6.21	420.96
	5/10/2021	471.55	26.25	445.30	10.71	416.46
	8/23/2021	471.55	26.20	445.35	3.49	423.68
	11/29/2021	471.55	25.71	445.84	5.17	422
	2/7/2022	471.55	27.52	444.03	4.4	422.77
	6/6/2022	471.55	24.50	447.05	8.21	418.96
	8/29/2022	471.55	27.91	443.64	2.55	424.62
	11/14/2022	471.55	29.34	442.21	3.2	423.97
	2/20/2023	471.55	29.92	441.63	7.6	419.57
	5/15/2023	471.55	26.66	444.89	8.78	418.39
	8/28/2023	471.55	29.30	442.25	3.26	423.91
	11/6/2023	471.55	30.04	441.51	3.65	423.52
	1/24/2024	471.56	26.24	445.32	12.92	440.09
	2/19/2024	471.56	20.33	451.23	12.74	439.91
	3/26/2024	471.56	26.92	444.64	10.1	437.27
	4/12/2024	471.56	26.24	445.32	16.79	443.96
	5/15/2024	471.56	24.32	447.24	15.9	443.07
	6/17/2024	471.56	25.41	446.15	12.03	439.2
	7/25/2024	471.56	26.50	445.06	12.63	439.8
	8/21/2024	471.56	27.41	444.15	11.76	438.93
	9/9/2024	471.56	28.24	443.32	11.82	438.99
	10/29/2024	471.56	29.54	442.02	2.16	429.33
	11/18/2024	471.56	29.46	442.10	4.14	431.31
	12/10/2024	471.56	29.74	441.82	2.8	429.97
	1/7/2025	471.56	29.70	441.86	5.95	433.12
	2/24/2025	471.56	30.15	441.41	2.98	430.15
	3/28/2025	471.56	28.98	442.58	7.45	434.62
	4/24/2025	471.56	28.37	443.19	7.68	434.85
MW-06	5/11/2015	464.47	17.26	447.21	11.61	438.78
Silty Clay/Silt Unit	8/18/2015	464.47	15.65	448.82	4.62	431.79
CCR Permit Sampling Monitoring	11/16/2015	464.47	19.11	445.36	4.38	431.55
Downgradient Monitoring Well	2/22/2016	464.50	17.11	447.39	7.97	435.14
	5/16/2016	464.50	17.80	446.70	14.53	441.7
	8/15/2016	464.50	14.13	450.37	7.11	434.28
	11/14/2016	464.50	15.06	449.44	6.35	433.52
	2/13/2017	464.50	13.77	450.73	NA	NA
	5/2/2017	464.50	14.15	450.35	17.09	444.26
	8/24/2017	464.50	16.09	448.41	3.86	431.03
	11/8/2017	464.50	16.76	447.74	6.89	434.06
	3/6/2018	464.50	15.00	449.50	NA	NA
	5/18/2018	464.50	15.82	448.68	9.93	437.1
	8/10/2018	464.50	14.29	450.21	2.13	429.3
	10/29/2018	464.50	16.67	447.83	4.21	431.38
	2/25/2019	464.50	14.98	449.52	16.74	443.91
	4/29/2019	464.50	15.87	448.63	14.04	441.21
	8/26/2019	464.50	15.31	449.19	3.61	430.78
	11/11/2019	464.50	15.16	449.34	15.92	443.09
	2/24/2020	464.50	15.83	448.67	12.84	440.01
	4/27/2020	464.50	15.36	449.14	12.64	439.81
	8/10/2020	464.50	17.70	446.80	4.29	431.46
	12/7/2020	464.50	16.00	448.50	2.97	430.14
	2/22/2021	464.50	15.58	448.92	6.21	433.38
	5/10/2021	464.50	15.35	449.15	10.71	437.88
	8/23/2021	464.50	16.05	448.45	3.49	430.66
	11/29/2021	464.50	16.85	447.65	5.17	432.34
	2/7/2022	464.50	17.14	447.36	4.4	431.57
	6/6/2022	464.50	17.06	447.44	8.21	429.59
	8/29/2022	464.50	17.50	447.00	2.55	429.72
	11/14/2022	464.50	17.96	446.54	3.2	430.37
	2/20/2023	464.50	17.27	447.23	7.6	434.77
	5/15/2023	464.50	17.17	447.33	8.78	435.95
	8/28/2023	464.50	17.86	446.64	3.26	430.43
	11/6/2023	464.50	18.85	445.65	3.65	430.82
	1/24/2024	464.50	18.59	445.91	12.92	440.09
	2/19/2024	464.50	18.13	446.37	12.74	439.91
	3/26/2024	464.50	17.28	447.22	10.1	437.27
	4/12/2024	464.50	16.94	447.56	16.79	443.96
	5/15/2024	464.50	16.20	448.30	15.9	443.07
	6/17/2024	464.50	16.26	448.24	12.03	439.2
	7/25/2024	464.50	16.00	448.50	12.63	439.8
	8/21/2024	464.50	15.91	448.59	11.76	438.93
	9/9/2024	464.50	16.09	448.41	11.82	438.99
	10/29/2024	464.50	16.16	448.34	2.16	429.33
	11/18/2024	464.50	16.26	448.24	4.14	431.31
	12/10/2024	464.50	17.26	447.24	2.8	429.97
	1/7/2025	464.50	17.14	447.36	5.95	433.12
	2/24/2025	464.50	15.71	448.79	2.98	430.15
	3/28/2025	464.50	16.25	448.25	7.45	434.62
	4/24/2025	464.50	15.98	448.52	7.68	434.85

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-14	2/22/2021	470.79	25.43	445.36	6.21	433.38
Silty Clay/Silt Unit	4/7/2021	470.79	24.46	446.33	10.23	437.4
CCR Permit Sampling Monitoring	5/10/2021	470.79	24.86	445.93	10.71	437.88
Downgradient Monitoring Well	6/2/2021	470.79	24.20	446.59	10.7	437.87
	6/28/2021	470.79	24.45	446.34	12.11	439.28
	7/19/2021	470.79	24.04	446.75	15.06	442.23
	8/23/2021	470.79	24.58	446.21	3.49	430.66
	9/30/2021	470.79	25.35	445.44	2.49	429.66
	10/25/2021	470.79	25.41	445.38	13.08	440.25
	11/29/2021	470.79	24.68	446.11	5.17	432.34
	12/30/2021	470.79	25.05	445.74	6.68	433.85
	1/6/2022	470.90	22.02	448.88	6.45	433.62
	2/7/2022	470.90	25.64	445.26	4.4	431.57
	3/1/2022	470.90	25.36	445.54	16.04	443.21
	4/22/2022	470.90	23.82	447.08	NA	NA
	5/24/2022	470.90	24.08	446.82	11.42	438.59
	6/6/2022	470.90	24.10	446.80	8.21	435.38
	7/25/2022	470.90	25.07	445.83	5.36	432.53
	8/29/2022	470.90	28.30	442.60	2.55	429.72
	9/28/2022	470.90	30.29	440.61	2.37	429.54
	10/26/2022	470.90	31.23	439.67	4.36	431.53
	11/14/2022	470.90	31.58	439.32	3.2	430.37
	12/28/2022	470.90	32.05	438.85	NA	NA
	1/24/2023	470.90	31.48	439.42	7.29	434.46
	2/20/2023	470.90	30.91	439.99	7.6	434.77
	3/28/2023	470.90	25.14	445.76	14.9	442.07
	4/25/2023	470.90	24.56	446.34	9.4	436.57
	5/15/2023	470.90	24.41	446.49	8.78	435.95
	6/26/2023	470.90	25.18	445.72	2.42	429.59
	7/25/2023	470.90	25.61	445.29	3.67	430.84
	8/28/2023	470.90	29.02	441.88	3.26	430.43
	9/28/2023	470.90	31.94	438.96	3.35	430.52
	10/27/2023	470.90	31.18	439.72	3.98	431.15
	11/6/2023	470.90	31.26	439.64	3.65	430.82
	12/21/2023	470.90	31.63	439.27	6.12	433.29
	1/24/2024	470.90	30.33	440.57	12.92	440.09
	2/19/2024	470.90	24.73	446.17	12.74	439.91
	3/26/2024	470.90	24.81	446.09	10.1	437.27
	4/12/2024	470.90	24.62	446.28	16.79	443.96
	5/15/2024	470.90	23.72	447.18	15.9	443.07
	6/17/2024	470.90	24.07	446.83	12.03	439.2
	7/25/2024	470.90	24.40	446.50	12.63	439.8
	8/21/2024	470.90	24.56	446.34	11.76	438.93
	9/9/2024	470.90	24.85	446.05	11.82	438.99
	10/29/2024	470.90	25.74	445.16	2.16	429.33
	11/18/2024	470.90	25.91	444.99	4.14	431.31
	12/10/2024	470.90	25.77	445.13	2.8	429.97
	1/7/2025	470.90	27.68	443.22	5.95	433.12
	2/24/2025	470.90	29.10	441.80	2.98	430.15
	3/28/2025	470.90	25.23	445.67	7.45	434.62
	4/24/2025	470.90	25.30	445.60	7.68	434.85
MW-18A	8/21/2024	469.54	35.60	433.94	11.76	438.93
Silty Clay/Silt Unit	9/9/2024	469.54	33.53	436.01	11.82	438.99
CCR Permit Sampling Monitoring	10/29/2024	469.54	31.31	438.23	2.16	429.33
Downgradient Monitoring Well	11/18/2024	469.54	30.90	438.64	4.14	431.31
	12/10/2024	469.54	32.72	436.82	2.8	429.97
	1/7/2025	469.54	30.98	438.56	5.95	433.12
	2_24/2025	469.54	30.63	438.91	2.98	430.15
	3/28/2025	469.54	30.06	439.48	7.45	434.62
	4/24/2025	469.54	27.99	441.55	7.68	434.85
MW-22	4/12/2024	457.18	12.73	444.45	16.79	443.96
Silty Clay/Silt Unit	5/15/2024	457.18	11.66	445.52	15.9	443.07
CCR Permit Sampling Monitoring	6/17/2024	457.18	16.04	441.14	12.03	439.2
Downgradient Monitoring Well	7/25/2024	457.18	16.22	440.96	12.63	439.8
	8/21/2024	457.18	19.28	437.90	11.76	438.93
	9/9/2024	457.18	21.18	436.00	11.82	438.99
	10/29/2024	457.18	21.81	435.37	2.16	429.33
	11/18/2024	457.18	21.41	435.77	4.14	431.31
	12/10/2024	457.18	21.86	435.32	2.8	429.97
	1/7/2025	457.18	20.71	436.47	5.95	433.12
	2/24/2025	457.18	22.11	435.07	2.98	430.15
	3/28/2025	457.18	18.45	438.73	7.45	434.62
	4/24/2025	457.18	17.58	439.60	7.68	434.85
MW-12/12R	11/16/2015	473.38	24.48	448.90	4.38	431.55
Silty Clay/Silt Unit	2/22/2016	473.38	21.41	451.97	7.97	435.14
Expanded Assessment	5/16/2016	473.38	22.94	450.44	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/9/2018	473.38	23.78	449.60	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	472.95	22.60	450.35	12.63	439.8
	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
	10/29/2024	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	2.8	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

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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	11/16/2015	471.37	25.33	446.04	4.38	431.55
Silty Clay/Silt Unit	2/22/2016	471.37	22.91	448.46	7.97	435.14
Expanded Assessment	5/16/2016	471.37	24.71	446.66	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/9/2018	471.37	23.96	447.41	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	471.37	24.23	447.14	12.63	439.8
	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
	10/29/2024	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	2.8	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
MW-17	11/16/2015	467.75	26.92	440.83	4.38	431.55
Silty Clay/Silt Unit	2/22/2016	467.75	19.86	447.89	7.97	435.14
Expanded Assessment	5/16/2016	467.75	20.42	447.33	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/6/2018	467.75	21.03	446.72	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	467.75	19.95	447.80	12.63	439.8
	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
	10/29/2024	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	2.8	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

Notes: Notes: Elevations are in feet above mean sea level and depths are in feet below top of casing.
* - * - Data obtained from USGS Kingston Mine Gage
MSL - MSL - Mean Sea Level
TOC - TOC - Top of Casing
BOLD- **BOLD** - River elevation above groundwater elevation
Dry - Dry - Less than 6" of water in well.
NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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	11/16/2015	469.28	28.42	440.86	4.38	431.55
Sand and Gravel Unit	2/22/2016	469.28	27.96	441.32	7.97	435.14
Expanded Assessment	5/16/2016	469.28	25.57	443.71	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/6/2018	469.28	25.67	443.61	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	469.28	26.15	443.13	12.63	439.8
	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
	10/29/2024	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	2.8	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
MW-23	4/12/2024	465.03	19.83	445.20	16.79	443.96
Sand and Gravel Unit	5/15/2024	465.03	18.60	446.43	15.9	443.07
Expanded Assessment	6/17/2024	465.03	21.23	443.80	12.03	439.2
Downgradient Monitoring Well	7/25/2024	465.03	21.83	443.20	12.63	439.8
	8/21/2024	465.03	23.66	441.37	11.76	438.93
	9/9/2024	465.03	25.05	439.98	11.82	438.99
	10/25/2024	465.03	26.24	438.79	2.16	429.33
	11/18/2024	465.03	25.96	439.07	4.14	431.31
	12/10/2024	465.03	23.36	441.67	2.8	429.97
	1/7/2025	465.03	25.97	439.06	5.95	433.12
	2/24/2025	465.03	26.69	438.34	2.98	430.15
	3/28/2025	465.03	24.33	440.70	7.45	434.62
	4/24/2025	465.03	23.37	441.66	7.68	434.85
MW-01	11/16/2015	465.24	26.04	439.20	4.38	431.55
Sand and Gravel Unit	2/22/2016	465.24	21.90	443.34	7.97	435.14
CCR Permit Sampling	5/16/2016	465.24	21.83	443.41	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/8/2018	465.24	26.05	439.19	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	465.24	23.94	441.30	12.63	439.8
	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	2.8	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

Notes: Notes: Elevations are in feet above mean sea level and depths are in feet below top of casing.
* - * - Data obtained from USGS Kingston Mine Gage
MSL - MSL - Mean Sea Level
TOC - TOC - Top of Casing
BOLD- **BOLD** - River elevation above groundwater elevation
Dry - Dry - Less than 6" of water in well.
NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-02	6/20/2017	462.60	22.04	440.56	11.93	439.1
Sand and Gravel Unit	8/23/2017	462.60	28.42	434.18	3.86	431.03
CCR Permit Sampling	11/7/2017	462.60	26.08	436.52	6.89	434.06
Downgradient Monitoring Well	5/17/2018	462.60	23.26	439.34	9.93	437.1
	8/7/2018	462.60	29.70	432.90	2.13	429.3
	10/30/2018	462.60	26.77	435.83	4.21	431.38
	2/25/2019	462.60	17.02	445.58	16.74	443.91
	4/29/2019	462.60	19.26	443.34	14.04	441.21
	8/26/2019	462.60	27.45	435.15	3.61	430.78
	2/24/2020	462.60	20.35	442.25	12.84	440.01
	4/27/2020	462.60	20.51	442.09	12.64	439.81
	12/7/2020	462.60	28.71	433.89	2.97	430.14
	2/22/2021	462.60	25.90	436.70	6.21	433.38
	4/7/2021	462.60	21.95	440.65	10.23	437.4
	5/10/2021	462.60	23.01	439.59	10.71	437.88
	6/2/2021	462.60	21.74	440.86	10.7	437.87
	6/28/2021	462.60	22.24	440.36	12.11	439.28
	7/19/2021	462.60	18.66	443.94	15.06	442.23
	8/23/2021	462.60	27.95	434.65	3.49	430.66
	9/30/2021	462.60	30.44	432.16	2.49	429.66
	10/27/2021	462.60	22.74	439.86	13.08	**440.25**
	11/29/2021	462.60	25.57	437.03	5.17	432.34
	12/30/2021	462.60	25.11	437.49	6.68	433.85
	1/6/2022	462.60	24.96	437.64	6.45	433.62
	2/7/2022	462.60	27.47	435.13	4.4	431.57
	3/1/2022	462.60	18.06	444.54	16.04	443.21
	4/22/2022	462.60	18.63	443.97	NA	NA
	5/24/2022	462.60	21.44	441.16	11.42	438.59
	6/6/2022	462.60	21.14	441.46	8.21	435.38
	7/25/2022	462.60	29.28	433.32	5.36	432.53
	8/29/2022	462.60	30.28	432.32	2.55	429.72
	9/28/2022	462.60	31.81	430.79	2.37	429.54
	10/26/2022	462.60	32.84	429.76	4.36	**431.53**
	11/14/2022	462.60	32.03	430.57	3.2	430.37
	12/28/2022	462.60	29.35	433.25	NA	NA
	1/24/2023	462.60	28.25	434.35	7.29	**434.46**
	2/20/2023	462.60	27.12	435.48	7.6	434.77
	3/28/2023	462.60	19.46	443.14	14.9	442.07
	4/25/2023	462.60	22.50	440.10	9.4	436.57
	5/15/2023	462.60	24.26	438.34	8.78	435.95
	6/26/2023	462.60	31.12	431.48	2.42	429.59
	7/25/2023	462.60	30.16	432.44	3.67	430.84
	8/28/2023	462.60	31.25	431.35	3.26	430.43
	9/27/2023	462.60	31.46	431.14	3.35	430.52
	10/27/2023	462.60	30.02	432.58	3.98	431.15
	11/6/2023	462.60	30.52	432.08	3.65	430.82
	12/21/2023	462.60	30.44	432.16	6.12	**433.29**
	1/24/2024	462.60	21.69	440.91	12.92	440.09
	2/19/2024	462.60	20.33	442.27	12.74	439.91
	3/26/2024	462.60	22.91	439.69	10.10	437.27
	4/12/2024	462.60	17.11	445.49	16.79	443.96
	5/15/2024	462.60	17.68	444.92	15.90	443.07
	6/17/2024	462.60	25.79	436.81	12.03	439.2
	7/25/2024	462.60	23.13	439.47	12.63	439.8
	8/21/2024	462.60	29.40	433.20	11.76	438.93
	9/9/2024	462.60	31.72	430.88	11.82	438.99
	10/29/2024	462.60	31.04	431.56	2.16	429.33
	11/18/2024	462.60	30.77	431.83	4.14	431.31
	12/10/2024	462.60	31.32	431.28	2.8	429.97
	1/7/2025	462.60	28.38	434.22	5.95	433.12
	2/24/2025	462.60	31.51	431.09	2.98	430.15
	3/28/2025	462.60	25.47	437.13	7.45	434.62
	4/24/2025	462.60	25.01	437.59	7.68	434.85
MW-03	6/20/2017	462.48	22.31	440.17	11.93	439.1
Sand and Gravel Unit	8/23/2017	462.48	28.18	434.30	3.86	431.03
CCR Permit Sampling	11/7/2017	462.48	25.38	437.10	6.89	434.06
Downgradient Monitoring Well	5/17/2018	462.48	22.62	439.86	9.93	437.1
	8/7/2018	462.48	29.17	433.31	2.13	429.3
	10/30/2018	462.48	24.71	437.77	4.21	431.38
	2/25/2019	462.48	17.20	445.28	16.74	443.91
	4/29/2019	462.48	18.85	443.63	14.04	441.21
	8/26/2019	462.48	27.65	434.83	3.61	430.78
	2/24/2020	462.48	20.18	442.30	12.84	440.01
	4/27/2020	462.48	20.43	442.05	12.64	439.81
	12/7/2020	462.48	28.61	433.87	2.97	430.14
	2/22/2021	462.48	23.48	439.00	6.21	433.38
	4/7/2021	462.48	21.73	440.75	10.23	437.4
	5/10/2021	462.48	22.98	439.50	10.71	437.88
	6/2/2021	462.48	21.53	440.95	10.7	437.87
	6/28/2021	462.48	21.98	440.50	12.11	439.28
	7/19/2021	462.48	18.35	444.13	15.06	442.23
	8/23/2021	462.48	27.85	434.63	3.49	430.66
	9/30/2021	462.48	30.32	432.16	2.49	429.66
	10/27/2021	462.48	22.34	440.14	13.08	**440.25**
	11/29/2021	462.48	22.86	439.62	5.17	432.34
	12/30/2021	462.48	23.14	439.34	6.68	433.85
	1/6/2022	462.48	23.13	439.35	6.45	433.62
	2/7/2022	462.48	24.08	438.40	4.4	431.57
	3/1/2022	462.48	18.92	443.56	16.04	443.21
	4/22/2022	462.48	17.98	444.50	NA	NA
	5/24/2022	462.48	21.14	441.34	11.42	438.59
	6/6/2022	462.48	22.50	439.98	8.21	435.38
	7/25/2022	462.48	29.11	433.37	5.36	432.53
	8/29/2022	462.48	30.31	432.17	2.55	429.72
	9/28/2022	462.48	32.27	430.21	2.37	429.54
	10/26/2022	462.48	33.83	428.65	4.36	**431.53**
	11/14/2022	462.48	33.51	428.97	3.2	**430.37**
	12/28/2022	462.48	30.21	432.27	NA	NA
	1/24/2023	462.48	30.19	432.29	7.29	**434.46**
	2/20/2023	462.48	28.45	434.03	7.6	**434.77**
	3/28/2023	462.48	19.55	442.93	14.9	442.07
	4/25/2023	462.48	22.15	440.33	9.4	436.57
	5/15/2023	462.48	23.46	439.02	8.78	435.95
	6/26/2023	462.48	31.47	431.01	2.42	429.59
	7/25/2023	462.48	30.42	432.06	3.67	430.84
	8/28/2023	462.48	31.29	431.19	3.26	430.43
	9/27/2023	462.48	32.32	430.16	3.35	**430.52**
	10/27/2023	462.48	31.72	430.76	3.98	**431.15**
	11/6/2023	462.48	31.45	431.03	3.65	430.82
	12/21/2023	462.48	31.50	430.98	6.12	**433.29**
	1/24/2024	462.48	21.49	440.99	12.92	440.09
	2/19/2024	462.48	19.10	443.38	12.74	439.91
	3/26/2024	462.48	22.72	439.76	10.10	437.27
	4/12/2024	462.48	17.92	444.56	16.79	443.96
	5/15/2024	462.48	17.37	445.11	15.90	443.07
	6/17/2024	462.48	25.51	436.97	12.03	439.2
	7/25/2024	462.48	23.52	438.96	12.63	439.8
	8/21/2024	462.48	28.38	434.10	11.76	438.93
	9/9/2024	462.48	31.53	430.95	11.82	438.99
	10/29/2024	462.48	32.31	430.17	2.16	429.33
	11/18/2024	462.48	31.65	430.83	4.14	431.31
	12/10/2024	462.48	31.85	430.63	2.8	429.97
	1/7/2025	462.48	31.36	431.12	5.95	433.12
	2/24/2025	462.48	32.02	430.46	2.98	430.15
	3/28/2025	462.48	26.06	436.42	7.45	434.62
	4/24/2025	462.48	24.57	437.91	7.68	434.85

Notes: Notes: Elevations are in feet above mean sea level and depths are in feet below top of casing.
* - * - Data obtained from USGS Kingston Mine Gage
MSL - MSL - Mean Sea Level
TOC - TOC - Top of Casing
BOLD- **BOLD** - River elevation above groundwater elevation
Dry - Dry - Less than 6" of water in well.
NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-04	6/20/2017	460.57	22.15	438.42	11.93	**439.1**
Sand and Gravel Unit	8/28/2017	460.57	28.49	432.08	3.86	431.03
CCR Permit Sampling	11/7/2017	460.57	25.62	434.95	6.89	434.06
Downgradient Monitoring Well	5/17/2018	460.57	24.13	436.44	9.93	**437.1**
	8/7/2018	460.57	29.23	431.34	2.13	429.3
	10/30/2018	460.57	26.58	433.99	4.21	431.38
	2/25/2019	460.57	15.45	445.12	16.74	443.91
	4/29/2019	460.57	15.88	444.69	14.04	441.21
	8/26/2019	460.57	27.35	433.22	3.61	430.78
	2/24/2020	460.57	19.81	440.76	12.84	440.01
	4/27/2020	460.57	19.76	440.81	12.64	439.81
	12/7/2020	460.57	28.50	432.07	2.97	430.14
	2/22/2021	460.57	26.44	434.13	6.21	433.38
	4/7/2021	460.57	21.90	438.67	10.23	437.4
	5/10/2021	460.57	23.92	436.65	10.71	**437.88**
	6/2/2021	460.57	21.41	439.16	10.7	437.87
	6/28/2021	460.57	22.40	438.17	12.11	**439.28**
	7/19/2021	460.57	17.22	443.35	15.06	442.23
	8/23/2021	460.57	27.81	432.76	3.49	430.66
	9/30/2021	460.57	30.01	430.56	2.49	429.66
	10/27/2021	460.57	22.29	438.28	13.08	**440.25**
	11/29/2021	460.57	25.83	434.74	5.17	432.34
	12/30/2021	460.57	25.79	434.78	6.68	433.85
	1/6/2022	460.57	25.30	435.27	6.45	433.62
	2/7/2022	460.57	27.95	432.62	4.4	431.57
	3/1/2022	460.57	16.63	443.94	16.04	443.21
	4/22/2022	460.57	16.81	443.76	NA	NA
	5/24/2022	460.57	20.89	439.68	11.42	438.59
	6/6/2022	460.57	22.89	437.68	8.21	435.38
	7/25/2022	460.57	29.18	431.39	5.36	**432.53**
	8/29/2022	460.57	29.71	430.86	2.55	429.72
	9/28/2022	460.57	31.42	429.15	2.37	**429.54**
	10/26/2022	460.57	32.38	428.19	4.36	**431.53**
	11/14/2022	460.57	32.80	427.77	3.2	**430.37**
	12/28/2022	460.57	29.21	431.36	NA	NA
	1/24/2023	460.57	27.79	432.78	7.29	**434.46**
	2/20/2023	460.57	26.46	434.11	7.6	**434.77**
	3/28/2023	460.57	17.49	443.08	14.9	442.07
	4/25/2023	460.57	22.01	438.56	9.4	436.57
	5/15/2023	460.57	24.29	436.28	8.78	435.95
	6/26/2023	460.57	30.13	430.44	2.42	429.59
	7/25/2023	460.57	29.88	430.69	3.67	**430.84**
	8/28/2023	460.57	30.60	429.97	3.26	**430.43**
	9/27/2023	460.57	30.90	429.67	3.35	**430.52**
	10/27/2023	460.57	28.72	431.85	3.98	431.15
	11/6/2023	460.57	29.99	430.58	3.65	**430.82**
	12/21/2023	460.57	30.02	430.55	6.12	**433.29**
	1/24/2024	460.57	21.07	439.50	12.92	440.09
	2/19/2024	460.57	18.39	442.18	12.74	439.91
	3/26/2024	460.57	22.53	438.04	10.10	437.27
	4/12/2024	460.57	15.44	445.13	16.79	443.96
	5/15/2024	460.57	15.82	444.75	15.90	443.07
	6/17/2024	460.57	25.68	434.89	12.03	439.2
	7/25/2024	460.57	23.30	437.27	12.63	439.8
	8/21/2024	460.57	29.40	431.17	11.76	438.93
	9/9/2024	460.57	31.19	429.38	11.82	438.99
	10/29/2024	460.57	29.89	430.68	2.16	429.33
	11/18/2024	460.57	29.98	430.59	4.14	431.31
	12/10/2024	460.57	30.51	430.06	2.8	429.97
	1/7/2025	460.57	27.68	432.89	5.95	433.12
	2/24/2025	460.57	30.76	429.81	2.98	430.15
	3/28/2025	460.57	24.88	435.69	7.45	434.62
	4/24/2025	460.57	25.48	435.09	7.68	434.85
MW-05	11/16/2015	458.58	26.39	432.19	4.38	431.55
Sand and Gravel Unit	2/22/2016	458.66	21.12	437.54	7.97	435.14
CCR Permit Sampling	5/16/2016	458.66	16.58	442.08	14.53	441.7
Downgradient Monitoring Well	8/15/2016	458.66	23.59	435.07	7.11	434.28
	11/14/2016	458.66	22.72	435.94	6.35	433.52
	2/13/2017	458.66	19.13	439.53	NA	NA
	5/1/2017	458.66	13.09	445.57	17.09	444.26
	6/20/2017	458.66	19.43	439.23	11.93	439.1
	8/28/2017	458.66	25.38	433.28	3.86	431.03
	11/7/2017	458.66	22.91	435.75	6.89	434.06
	5/17/2018	458.66	21.54	437.12	9.93	**437.1**
	8/7/2018	458.66	26.17	432.49	2.13	429.3
	10/30/2018	458.66	23.97	434.69	4.21	431.38
	2/25/2019	458.66	13.21	445.45	16.74	443.91
	4/29/2019	458.66	15.40	443.26	14.04	441.21
	8/26/2019	458.66	24.35	434.31	3.61	430.78
	2/24/2020	458.66	17.25	441.41	12.84	440.01
	4/27/2020	458.66	17.41	441.25	12.64	439.81
	12/7/2020	458.66	25.65	433.01	2.97	430.14
	2/22/2021	458.66	23.82	434.84	6.21	433.38
	4/7/2021	458.66	19.40	439.26	10.23	437.4
	5/10/2021	458.66	21.38	437.28	10.71	**437.88**
	6/2/2021	458.66	18.99	439.67	10.7	437.87
	6/28/2021	458.66	22.20	436.46	12.11	**439.28**
	7/19/2021	458.66	14.98	443.68	15.06	442.23
	8/23/2021	458.66	24.85	433.81	3.49	430.66
	9/30/2021	458.66	26.98	431.68	2.49	429.66
	10/27/2021	458.66	20.00	438.66	13.08	**440.25**
	11/29/2021	458.66	23.13	435.53	5.17	432.34
	12/30/2021	458.66	23.20	435.46	6.68	433.85
	1/6/2022	458.66	22.80	435.86	6.45	433.62
	2/7/2022	458.66	25.22	433.44	4.4	431.57
	3/1/2022	458.66	14.52	444.14	16.04	443.21
	4/22/2022	458.66	14.59	444.07	NA	NA
	5/24/2022	458.66	18.32	440.34	11.42	438.59
	6/6/2022	458.66	17.06	441.60	8.21	435.38
	7/25/2022	458.66	26.02	432.64	5.36	432.53
	8/29/2022	458.66	26.70	431.96	2.55	429.72
	9/28/2022	458.66	28.10	430.56	2.37	429.54
	10/26/2022	458.66	28.96	429.70	4.36	**431.53**
	11/14/2022	458.66	28.44	430.22	3.2	**430.37**
	12/28/2022	458.66	26.04	432.62	NA	NA
	1/24/2023	458.66	24.93	433.73	7.29	**434.46**
	2/20/2023	458.66	23.72	434.94	7.6	434.77
	3/28/2023	458.66	16.49	442.17	14.9	442.07
	4/25/2023	458.66	19.50	439.16	9.4	436.57
	5/15/2023	458.66	21.71	436.95	8.78	435.95
	6/26/2023	458.66	27.11	431.55	2.42	429.59
	7/25/2023	458.66	26.76	431.90	3.67	430.84
	8/28/2023	458.66	27.46	431.20	3.26	430.43
	9/27/2023	458.66	27.73	430.93	3.35	430.52
	10/27/2023	458.66	26.00	432.66	3.98	431.15
	11/6/2023	458.66	26.98	431.68	3.65	430.82
	12/21/2023	458.66	26.91	431.75	6.12	**433.29**
	1/24/2024	458.66	18.87	439.79	12.92	440.09
	2/19/2024	458.66	15.88	442.78	12.74	439.91
	3/26/2024	458.66	19.99	438.67	10.10	437.27
	4/12/2024	458.66	13.35	445.31	16.79	443.96
	5/15/2024	458.66	13.73	444.93	15.90	443.07
	6/17/2024	458.66	22.64	436.02	12.03	439.2
	7/25/2024	458.66	20.59	438.07	12.63	439.8
	8/21/2024	458.66	26.17	432.49	11.76	438.93
	9/9/2024	458.66	27.95	430.71	11.82	438.99
	10/29/2024	458.66	27.05	431.61	2.16	429.33
	11/18/2024	458.66	26.98	431.68	4.14	431.31
	12/10/2024	458.66	27.51	431.15	2.8	429.97
	1/7/2025	458.66	25.01	433.65	5.95	433.12
	2/24/2025	458.66	27.79	430.87	2.98	430.15
	3/28/2025	458.66	22.38	436.28	7.45	434.62
	4/24/2025	458.66	22.79	435.87	7.68	434.85

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-07	5/11/2015	463.23	24.40	438.83	11.61	438.78
Sand and Gravel Unit	8/18/2015	463.23	27.13	436.10	4.62	431.79
CCR Permit Sampling	11/16/2015	463.23	30.43	432.80	4.38	431.55
Downgradient Monitoring Well	2/22/2016	463.27	25.68	437.59	7.97	435.14
	5/16/2016	463.27	20.96	442.31	14.53	441.7
	8/15/2016	463.27	27.63	435.64	7.11	434.28
	11/14/2016	463.27	26.98	436.29	6.35	433.52
	2/13/2017	463.27	23.46	439.81	NA	NA
	5/2/2017	463.27	17.78	445.49	17.09	444.26
	8/24/2017	463.27	29.15	434.12	3.86	431.03
	11/8/2017	463.27	27.10	436.17	6.89	434.06
	3/6/2018	463.27	13.96	449.31	20.43	447.6
	5/18/2018	463.27	25.87	437.40	9.93	437.1
	8/10/2018	463.27	30.12	433.15	2.13	429.3
	10/29/2018	463.27	28.37	434.90	4.21	431.38
	2/25/2019	463.27	17.88	445.39	16.74	443.91
	4/29/2019	463.27	19.98	443.29	14.04	441.21
	8/26/2019	463.27	28.54	434.73	3.61	430.78
	11/11/2019	463.27	18.14	445.13	15.92	443.09
	2/24/2020	463.27	21.64	441.63	12.84	440.01
	4/27/2020	463.27	21.90	441.37	12.64	439.81
	8/10/2020	463.27	27.15	436.12	3.49	430.66
	12/7/2020	463.27	29.84	433.43	2.97	430.14
	2/22/2021	463.27	28.09	435.18	6.21	433.38
	5/10/2021	463.27	25.54	437.73	10.71	437.88
	8/23/2021	463.27	28.92	434.35	3.49	430.66
	11/29/2021	463.27	27.40	435.87	5.17	432.34
	2/7/2022	463.27	29.37	433.90	4.40	431.57
	6/6/2022	463.27	24.65	438.62	8.21	435.38
	8/29/2022	463.27	30.79	432.48	2.55	429.72
	11/14/2022	463.27	32.16	431.11	3.20	430.37
	2/20/2023	463.27	27.81	435.46	7.60	434.77
	5/15/2023	463.27	25.94	437.33	8.78	435.95
	8/28/2023	463.27	31.22	432.05	3.26	430.43
	11/6/2023	463.27	30.90	432.37	3.65	430.82
	1/24/2024	463.27	23.13	440.14	12.92	440.09
	2/19/2024	463.27	20.57	442.70	12.74	439.91
	3/26/2024	463.27	24.27	439.00	10.10	437.27
	4/12/2024	463.27	17.99	445.28	16.79	443.96
	5/15/2024	463.27	18.31	444.96	15.9	443.07
	6/17/2024	463.27	26.64	436.63	12.03	439.2
	7/25/2024	463.27	24.59	438.68	12.63	439.8
	8/21/2024	463.27	30.00	433.27	11.76	438.93
	9/9/2024	463.27	31.78	431.49	11.82	438.99
	10/29/2024	463.27	31.16	432.11	2.16	429.33
	11/18/2024	463.27	30.92	432.35	4.14	431.31
	12/10/2024	463.27	31.48	431.79	2.8	429.97
	1/7/2025	463.27	29.19	434.08	5.95	433.12
	2/24/2025	463.27	31.76	431.51	2.98	430.15
	3/28/2025	463.27	26.64	436.63	7.45	434.62
	4/24/2025	463.27	26.28	436.99	7.68	434.85
MW-10	6/22/2017	457.31	13.46	443.85	NA	NA
Sand and Gravel Unit	8/24/2017	457.31	16.39	440.92	3.79	430.96
CCR Permit Sampling	11/9/2017	457.31	16.86	440.45	6.7	433.87
Downgradient Monitoring Well	5/16/2018	457.31	14.88	442.43	9.67	436.84
	8/8/2018	457.31	17.88	439.43	2.13	429.3
	10/30/2018	457.31	17.04	440.27	4.21	431.38
	2/25/2019	457.31	11.28	446.03	16.74	443.91
	4/29/2019	457.31	11.88	445.43	14.04	441.21
	8/26/2019	457.31	15.89	441.42	3.61	430.78
	2/24/2020	457.31	12.64	444.67	12.84	440.01
	4/27/2020	457.31	12.75	444.56	12.64	439.81
	12/7/2020	457.31	17.80	439.51	2.97	430.14
	2/22/2021	457.31	17.25	440.06	6.21	433.38
	4/7/2021	457.31	14.21	443.10	10.23	437.4
	5/10/2021	457.31	15.58	441.73	10.71	437.88
	6/2/2021	457.31	13.98	443.33	10.7	437.87
	6/28/2021	457.31	15.28	442.03	12.11	439.28
	7/19/2021	457.31	12.30	445.01	15.06	442.23
	8/23/2021	457.31	16.61	440.70	3.49	430.66
	9/30/2021	457.31	18.67	438.64	2.49	429.66
	10/25/2021	457.31	16.23	441.08	10.56	437.73
	11/29/2021	457.31	15.52	441.79	5.17	432.34
	12/30/2021	457.31	16.50	440.81	6.68	433.85
	1/6/2022	457.31	16.82	440.49	6.45	433.62
	2/7/2022	457.31	17.70	439.61	4.4	431.57
	3/1/2022	457.31	13.77	443.54	16.04	443.21
	4/22/2022	457.31	11.80	445.51	NA	NA
	5/24/2022	457.31	13.20	444.11	11.42	438.59
	6/6/2022	457.31	14.07	443.24	8.21	435.38
	7/25/2022	457.31	17.53	439.78	5.36	432.53
	8/29/2022	457.31	19.08	438.23	2.55	429.72
	9/28/2022	457.31	20.16	437.15	2.37	429.54
	10/26/2022	457.31	21.23	436.08	4.36	431.53
	11/14/2022	457.31	21.06	436.25	3.2	430.37
	12/28/2022	457.31	18.71	438.60	NA	NA
	1/24/2023	457.31	19.50	437.81	7.29	434.46
	2/20/2023	457.31	18.65	438.66	7.6	434.77
	3/28/2023	457.31	13.66	443.65	14.9	442.07
	4/25/2023	457.31	14.14	443.17	9.4	436.57
	5/15/2023	457.31	15.90	441.41	8.78	435.95
	6/26/2023	457.31	20.10	437.21	2.42	429.59
	7/25/2023	457.31	19.69	437.62	3.67	430.84
	8/28/2023	457.31	20.38	436.93	3.26	430.43
	9/28/2023	457.31	20.93	436.38	3.35	430.52
	10/27/2023	457.31	20.67	436.64	3.98	431.15
	11/6/2023	457.31	20.81	436.50	3.65	430.82
	12/21/2023	457.31	20.80	436.51	6.12	433.29
	1/24/2024	457.31	16.73	440.58	12.92	440.09
	2/19/2024	457.31	13.05	444.26	12.74	439.91
	3/26/2024	457.31	15.33	441.98	10.10	437.27
	4/12/2024	457.31	12.93	444.38	16.79	443.96
	5/15/2024	457.31	11.78	445.53	15.90	443.07
	6/17/2024	457.31	15.18	442.13	12.03	439.2
	7/25/2024	457.31	15.78	441.53	12.63	439.8
	8/21/2024	457.31	18.15	439.16	11.76	438.93
	9/9/2024	457.31	18.15	439.16	11.82	438.99
	10/29/2024	457.31	20.96	436.35	2.16	429.33
	11/18/2024	457.31	20.64	436.67	4.14	431.31
	12/10/2024	457.31	21.01	436.30	2.8	429.97
	1/7/2025	457.31	20.19	437.12	5.95	433.12
	2/24/2025	457.31	21.31	436.00	2.98	430.15
	3/28/2025	457.31	18.11	439.20	7.45	434.62
	4/24/2025	457.31	16.76	440.55	7.68	434.85

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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-21D	4/12/2024	469.93	24.76	445.17	16.79	443.96
Sand and Gravel Unit	5/15/2024	469.93	24.08	445.85	15.9	443.07
CCR Permit Sampling	6/17/2024	469.93	29.56	440.37	12.03	439.2
Downgradient Monitoring Well	7/25/2024	469.93	28.95	440.98	12.63	439.8
	8/21/2024	469.93	32.47	437.46	11.76	438.93
	9/9/2024	469.93	33.80	436.13	11.82	438.99
	10/29/2024	469.93	34.34	435.59	2.16	429.33
	11/18/2024	469.93	33.84	436.09	4.14	431.31
	12/10/2024	469.93	34.23	435.70	2.8	429.97
	1/7/2025	469.93	33.31	436.62	5.95	433.12
	2/24/2025	469.93	34.45	435.48	2.98	430.15
	3/28/2025	469.93	31.00	438.93	7.45	434.62
	4/24/2025	469.93	30.75	439.18	7.68	434.85
MW-09	11/16/2015	469.14	26.07	443.07	4.38	431.55
Sand and Gravel Unit	2/22/2016	469.14	22.83	446.31	7.97	435.14
Expanded Assessment	5/16/2016	469.14	23.06	446.08	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/8/2018	469.14	25.49	443.65	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	469.14	24.81	444.33	12.63	439.8
	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	2.8	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

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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	11/16/2015	471.62	31.67	439.95	4.38	431.55
Sand and Gravel Unit	2/22/2016	471.62	28.34	443.28	7.97	435.14
Expanded Assessment	5/16/2016	471.62	27.11	444.51	14.53	441.7
Downgradient Monitoring Well	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	439.1
	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	437.1
	8/9/2018	471.62	31.04	440.58	2.13	429.3
	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	437.4
	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	26.50	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	439.2
	7/25/2024	471.62	29.00	442.62	12.63	439.8
	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	2.8	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
MW-19	11/14/2016	465.07	22.65	442.42	6.35	433.52
Sand and Gravel Unit	2/13/2017	465.07	21.27	443.80	NA	NA
Expanded Assessment	5/1/2017	465.07	18.39	446.68	17.09	444.26
Downgradient Monitoring Well	6/20/2017	465.07	20.44	444.63	11.93	439.1
	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	437.1
	8/6/2018	465.07	24.14	440.93	2.13	429.3
	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	437.4
	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	439.2
	7/25/2024	465.07	22.62	442.45	12.63	439.8
	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	2.8	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

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

* - * - Data obtained from USGS Kingston Mine Gage

MSL - MSL - Mean Sea Level

TOC - TOC - Top of Casing

BOLD- **BOLD** - River elevation above groundwater elevation

Dry - Dry - Less than 6" of water in well.

NA - NA - Data not available.

Table 1. Groundwater Elevations for Site-Wide Monitoring Wells and Piezometers - 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)
P-1	4/12/2024	460.08	13.62	446.46	16.79	443.96
Sand and Gravel Unit (Fill Sand)	5/15/2024	460.08	13.08	447.00	15.9	443.07
Expanded Assessment	6/17/2024	460.08	13.46	446.62	12.03	439.2
Downgradient Monitoring Well	7/25/2024	460.08	13.22	446.86	12.63	439.8
	8/21/2024	460.08	13.17	446.91	11.76	438.93
	9/9/2024	460.08	15.32	444.76	11.82	438.99
	10/29/2024	460.08	13.44	446.64	2.16	429.33
	11/18/2024	460.08	13.42	446.66	4.14	431.31
	12/10/2024	460.08	13.98	446.10	2.8	429.97
	1/7/2025	460.08	NA	NA	5.95	433.12
	2/24/2025	460.08	13.27	446.81	2.98	430.15
	3/28/2025	463.65	13.53	450.12	7.45	434.62
	4/24/2025	463.65	21.85	441.80	7.68	434.85
P-2	04/12/24	463.65	19.12	444.53	16.79	443.96
Sand and Gravel Unit (Fill Sand)	5/15/2024	463.65	17.33	446.32	15.9	443.07
Expanded Assessment	6/17/2024	463.65	18.23	445.42	12.03	439.2
Downgradient Monitoring Well	7/25/2024	463.65	19.73	443.92	12.63	439.8
	8/21/2024	463.65	20.17	443.48	11.76	438.93
	9/9/2024	463.65	20.75	442.90	11.82	438.99
	10/29/2024	463.65	21.68	441.97	2.16	429.33
	11/18/2024	463.65	21.63	442.02	4.14	431.31
	12/10/2024	463.65	21.70	441.95	2.8	429.97
	1/7/2025	463.65	NA	NA	5.95	433.12
	2/24/2025	463.65	21.88	441.77	2.98	430.15
	3/28/2025	460.08	Dry	460.08	7.45	434.62
	4/24/2025	460.08	13.35	446.73	7.68	434.85

Notes: Notes: Elevations are in feet above mean sea level and depths are in feet below top of casing.
* - * - Data obtained from USGS Kingston Mine Gage
MSL - MSL - Mean Sea Level
TOC - TOC - Top of Casing
BOLD- **BOLD** - River elevation above groundwater elevation
Dry - Dry - Less than 6 inches of water
NA - NA - Data not available.

Table 2. Silt/Clay Unit CCR Permit Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium	Turbidity (NTU)
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002	NSP
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.003	< 0.001	0.040	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.01	< 0.0002	< 0.005	< 0.639	< 0.0025	< 0.002	13.04
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.003	< 0.001	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.754	< 0.0025	< 0.002	8.22
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.755	< 0.0025	< 0.002	5.80
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.003	< 0.001	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< -0.101	< 0.0025	< 0.002	7.63
MW-06 downgradient	6/18/2024	0.39	94	140	0.49	7.64	220	820	< 0.003	0.0021	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.01	< 0.0002	0.010	< 0.722	< 0.0025	< 0.002	11.22
	9/10/2024	0.40	96	130	0.48	7.64	270	880	< 0.003	0.0032	0.075	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.011	1.94	< 0.0025	< 0.002	12.45
	11/19/2024	0.27	96	150	0.43	7.65	290	950	< 0.003	0.0028	0.071	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.011	< 0.19	< 0.0025	< 0.002	8.99
	2/26/2025	0.24	100	150	0.38	7.66	220	750	< 0.003	0.0024	0.063	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.011	< 0.364	< 0.0025	< 0.002	6.26
MW-14 downgradient	4/8/2021	2.10	200	98	1.10	7.33	630	1600	< 0.003	0.0028	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.035	< 0.605	0.029	0.0022	13.90
	5/12/2021	2.60	210	100	1.10	7.13	640	1700	< 0.003	0.0047	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.034	< 0.43	0.0039	0.0028	5.39
	6/3/2021	2.10	200	26	1.00	6.79	590	1600	< 0.003	0.0025	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.028	< 0.357	0.094	0.0025	1.22
	6/28/2021	B 2.00	210	93	0.99	6.90	570	1700	^+< 0.003	0.0014	0.034	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.028	< 0.0002	0.03	0.758	0.034	0.0023	2.63
	7/20/2021	2.00	190	81	0.89	6.88	500	1700	< 0.003	0.0025	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.021	< 0.434	< 0.0025	< 0.002	3.74
	8/23/2021	2.10	210	91	0.96	6.91	560	1800	< 0.003	0.0022	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.031	0.515	0.01	0.0021	4.34
	10/1/2021	1.90	200	100	0.95	7.06	640	1700	< 0.003	0.0045	0.039	< 0.001	0.0005	< 0.005	< 0.001	0.00065	^1+ 0.034	< 0.0002	0.037	< 0.581	< 0.0025	0.002	4.26
	11/29/2021	2.00	180	94	1.10	7.01	^- 480	1400	< 0.003	0.0025	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.033	< 0.442	0.01	< 0.002	10.27
	2/9/2022	1.90	180	67	1.10	6.91	430	1500	< 0.003	0.0130	0.046	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.03	0.724	< 0.0025	0.0022	12.29
	6/8/2022	2.20	220	87	0.96	7.12	810	2100	< 0.003	0.0041	0.057	< 0.001	0.00056	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.038	< 0.429	0.013	0.0033	8.66
	8/31/2022	2.20	B 200	120	0.86	6.74	610	1800	< 0.003	0.0040	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.024	0.743	< 0.0025	< 0.002	19.54
	11/17/2022	NS	NS	NS	NS	6.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	40.75
	2/22/2023	2.20	190	120	0.76	7.40	600	1700	< 0.003	0.0150	0.067	+ ^+< 0.001	0.00085	< 0.005	< 0.001	0.0015	0.021	0.00022	0.025	< 0.552	0.024	0.002	31.69
	5/17/2023	2.30	280	100	1.00	7.02	1100	2600	< 0.003	0.0016	0.054	+ ^+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.044	< 0.712	0.090	0.0027	7.33
	8/29/2023	1.50	180	150	0.97	6.84	880	2300	< 0.002	< 0.0020	0.041	0 0.001	< 0.0002	< 0.005	< 0.0005	0.00056	0.024	< 0.0002	0.034	0.816	< 0.005	0.0022	7.08
	11/6/2023	1.50	190	140	0.87	6.95	840	2200	< 0.003	0.0026	0.042	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.032	1.22	0.0086	< 0.002	1.95
	2/20/2024	1.60	200	130	1.00	7.12	670	2000	< 0.003	0.0012	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	22	< 0.0002	0.026	< 0.505	0.0039	0.0021	34.43
	6/18/2024	2.20	290	85	1.10	6.85	1500	3900	< 0.003	0.0020	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.050	< 0.0002	0.10	< 0.553	0.053	0.0051	6.79
	9/9/2024	2.30	230	110	1.40	7.14	**1800**	**4100**	^1+< 0.003	0.0029	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	**0.14**	0.584	0.010	**0.0035**	8.71
	11/18/2024	2.70	250	110	1.30	7.15	**1700**	**3800**	< 0.003	0.0019	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.020	< 0.0002	**0.11**	< 0.639	< 0.0025	**0.0026**	8.64
	2/26/2025	2.40	260	100	1.20	7.02	**1400**	**3400**	< 0.003	0.0013	0.040	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.064	< 0.334	0.0054	**0.0021**	8.99
MW-18A downgradient	9/12/2024	0.53	220	140	0.23	6.95	270	**1400**	< 0.003	0.0064	0.46	< 0.001	< 0.0005	0.011	0.0046	0.0044	0.015	< 0.0002	0.010	< 0.983	< 0.0025	< 0.002	6.43
	11/19/2024	0.33	290	110	0.30	6.79	140	**1500**	< 0.003	0.0087	0.34	< 0.001	< 0.0005	< 0.005	**0.0065**	< 0.0005	< 0.01	< 0.0002	0.0086	1.2	< 0.0025	< 0.002	85.61
	1/7/2025 R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.0072**	NS	NS	NS	NS	NS	NS	NS	34.77
	2/27/2025	0.40	300	120	0.31	6.75	**1600**	**1500**	< 0.003	0.0094	0.41	^1+< 0.001	< 0.0005	< 0.005	0.005	0.31	< 0.01	< 0.0002	< 0.0050	1.26	< 0.0025	< 0.002	24.90
MW-22 downgradient	6/18/2024	0.98	130	110	0.40	6.95	220	940	< 0.003	0.0037	0.14	< 0.001	< 0.0005	< 0.005	0.0027	< 0.0005	^1+< 0.01	< 0.0002	0.028	0.718	0.0029	< 0.002	12.39
	9/12/2024	2.90	120	40	0.36	6.77	120	660	< 0.003	**0.0180**	0.16	< 0.001	< 0.0005	< 0.005	0.0033	< 0.0005	< 0.01	< 0.0002	0.034	< 0.698	0.0089	< 0.002	18.30
	11/20/2024	2.70	120	40	0.35	6.97	120	710	< 0.003	0.0028	0.10	< 0.001	< 0.0005	< 0.005	0.0025	< 0.0005	< 0.01	< 0.0002	0.034	0.807	0.023	< 0.002	5.85
	2/25/2025	2.70	120	34	0.34	6.93	120	570	< 0.003	0.0041	0.11	< 0.001	< 0.0005	< 0.005	0.0026	< 0.0005	< 0.01	< 0.0002	0.038	1.05	0.017	< 0.002	11.89

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided

F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 3. Sand and Gravel Unit CCR Permit Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium	Turbidity (NTU)
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.003	< 0.001	0.040	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.01	< 0.0002	< 0.005	< 0.639	< 0.0025	< 0.002	13.04
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.003	< 0.001	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.754	< 0.0025	< 0.002	8.22
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.755	< 0.0025	< 0.002	5.80
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.003	< 0.001	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< -0.101	< 0.0025	< 0.002	7.63
MW-01 downgradient	11/16/2015	1.00	98	44	0.17	7.07	93	530	< 0.003	< 0.001	0.057	^< 0.001	< 0.0005	< 0.005	< 0.001	*< 0.0005	< 0.01	< 0.0002	< 0.0050	0.744	< 0.0025	*< 0.002	NA
	2/25/2016	0.20	110	42	0.16	7.23	54	460	< 0.003	0.0025	0.053	< 0.001	< 0.0005	< 0.005	0.0014	0.0019	< 0.01	< 0.0002	< 0.005	< 0.722	0.0029	< 0.002	NA
	5/20/2016	0.34	100	44	0.17	6.95	65	430	< 0.003	0.0081	0.062	< 0.001	< 0.0005	0.007	0.0053	0.011	< 0.01	< 0.0002	< 0.005	< 0.953	< 0.0025	< 0.002	NA
	8/17/2016	0.27	78	39	0.25	7.16	50	530	< 0.003	0.0014	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	0.0014	< 0.01	< 0.0002	0.0057	< 0.491	< 0.0025	< 0.002	NA
	11/16/2016	0.18	97	39	0.21	7.22	32	500	< 0.003	0.0051	0.056	< 0.001	< 0.0005	< 0.005	0.0044	0.0082	< 0.01	< 0.0002	0.0059	< 0.618	< 0.0025	< 0.002	NA
	2/14/2017	0.18	120	55	0.17	7.30	60	550	< 0.003	0.0041	0.056	< 0.001	< 0.0005	< 0.005	0.0045	0.0076	< 0.01	< 0.0002	0.0056	< 0.837	< 0.0025	< 0.002	NA
	5/3/2017	0.19	86	66	0.16	7.41	45	460	< 0.003	0.0015	0.045	< 0.001	< 0.0005	< 0.005	0.0033	0.0067	< 0.01	< 0.0002	< 0.005	0.574	< 0.0025	< 0.002	NA
	6/21/2017	0.18	85	58	0.18	7.60	47	540	< 0.003	< 0.001	0.040	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.418	< 0.0025	< 0.002	NA
	8/25/2017	0.56	86	41	0.18	7.41	63	490	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0059	0.775	< 0.0025	< 0.002	NA
	11/8/2017	0.57	130	38	0.12	6.69	61	640	< 0.003	< 0.001	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.343	< 0.0025	< 0.002	NA
	5/17/2018	0.15	88	50	0.12	6.70	48	540	< 0.003	< 0.001	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	0.00068	< 0.01	< 0.0002	< 0.005	< 0.396	< 0.0025	< 0.002	NA
	8/8/2018	0.14	86	48	0.13	6.80	43	430	< 0.003	< 0.001	0.051	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.579	< 0.0025	< 0.002	NA
	4/30/2019	0.07	78	54	0.17	7.20	27	450	< 0.003	0.0014	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	0.0017	< 0.01	< 0.0002	< 0.005	< 0.656	< 0.0025	< 0.002	NA
	8/26/2019	0.57	100	39	0.13	7.15	71	550	< 0.003	< 0.001	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.802	< 0.0025	< 0.002	NA
	2/24/2020	0.28	87	53	0.21	7.19	34	410	< 0.003	< 0.001	0.044	^< 0.001	< 0.0005	< 0.005	< 0.001	0.00057	< 0.01	< 0.0002	< 0.005	< 0.478	< 0.0025	< 0.002	NA
	4/28/2020	0.33	110	46	0.19	7.17	41	470	NA	< 0.001	0.051	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.628	< 0.0025	< 0.002	NA
	12/7/2020	0.59	100	54	0.25	7.22	55	640	NA	< 0.001	0.058	NA	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0052	< 0.542	< 0.0025	< 0.002	NA
	5/11/2021	0.21	85	51	0.21	7.52	37	450	< 0.003	< 0.001	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.01	0.521	< 0.0025	< 0.002	3.24
	8/24/2021	0.27	99	40	0.18	7.19	56	430	< 0.003	< 0.001	0.061	< 0.001	< 0.0005	< 0.005	< 0.001	0.00088	< 0.01	< 0.0002	0.007	< 0.463	< 0.0025	< 0.002	3.34
	11/30/2021	0.35	84	41	0.19	7.14	^- 28	410	< 0.003	< 0.001	0.06	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.005	< 0.0002	0.0072	< 0.434	0.0026	< 0.002	5.43
	2/9/2022	0.18	96	47	0.17	7.33	48	520	< 0.003	0.0017	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	0.0012	0.003	< 0.0002	0.0074	< 0.527	< 0.0025	< 0.002	11.50
	6/7/2022	0.21	81	51	0.14	7.62	27	430	< 0.003	< 0.001	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0057	0.531	< 0.0025	< 0.002	3.63
	8/30/2022	0.59	92	44	0.15	7.10	66	810	< 0.003	< 0.001	0.073	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	< 0.441	< 0.0025	< 0.002	4.73
	11/15/2022	0.74	110	47	0.1	7.15	45	530	< 0.003	< 0.001	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.659	< 0.0025	< 0.002	3.90
	2/22/2023	0.46	110	52	0.14	7.51	92	500	< 0.003	< 0.001	0.082	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.503	< 0.0025	< 0.002	4.54
	5/17/2023	0.29	91	39	< 0.10	7.23	39	400	< 0.003	< 0.001	0.055	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.357	< 0.0025	< 0.002	4.33
	8/29/2023	0.59	100	47	< 0.10	6.98	43	530	< 0.002	< 0.002	0.078	< 0.001	< 0.0002	< 0.005	< 0.0005	< 0.0005	< 0.01	< 0.0002	0.002	< 0.574	< 0.005	< 0.001	4.40
	11/7/2023	0.45	110	50	< 0.10	6.95	68	590	< 0.003	< 0.001	0.090	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	< 0.356	0.0026	< 0.002	2.93
	2/21/2024	1.50	120	46	0.10	7.12	81	580	< 0.003	< 0.001	0.090	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.528	< 0.0025	< 0.002	17.88
	6/19/2024	0.14	100	78	0.12	6.48	29	550	< 0.003	< 0.001	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+ < 0.01	< 0.0002	< 0.005	< 0.688	< 0.0025	< 0.002	10.24
	9/11/2024	0.18	78	F1 61	0.15	7.17	35	430	< 0.003	< 0.001	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.546	< 0.0025	< 0.002	8.24
	11/21/2024	1.40	110	46	0.11	7.03	51	580	< 0.003	< 0.001	0.089	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.736	< 0.0025	< 0.002	3.44
	2/27/2025	2.10	120	52	< 0.10	6.98	48	560	< 0.003	< 0.001	0.091	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.566	0.0033	< 0.002	8.59
MW-02 downgradient	6/20/2017	0.33	90	55	0.19	7.01	47	500	< 0.003	0.0012	0.075	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002	NA
	8/23/2017	V 1.30	86	49	0.19	7.40	61	440	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.833	< 0.0025	< 0.002	NA
	11/7/2017	3.70	98	46	0.17	7.10	88	550	< 0.003	0.0014	0.091	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.309	0.0027	< 0.002	NA
	5/15/2018	0.22	80	45	0.23	7.71	54	500	< 0.003	0.0013	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	0.0004	< 0.005	< 0.408	< 0.0025	< 0.002	NA
	8/7/2018	1.50	89	54	0.15	7.09	51	530	< 0.003	0.0016	0.067	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.622	< 0.0025	< 0.002	NA
	10/30/2018	0.23	86	43	0.17	7.83	34	480	< 0.003	0.0015	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.564	< 0.0025	< 0.002	NA
	2/26/2019	0.07	69	49	0.16	7.82	23	400	< 0.003	0.0026	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	0.0013	< 0.01	< 0.0002	< 0.005	< 0.425	< 0.0025	< 0.002	NA
	4/30/2019	0.12	79	48	0.16	7.60	30	440	< 0.003	0.0013	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.441	< 0.0025	< 0.002	NA
	8/26/2019	0.51	86	50	0.18	7.13	32	400	< 0.003	0.0011	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	1.180	< 0.0025	< 0.002	NA
	2/24/2020	0.33	89	53	0.20	7.43	37	410	< 0.003	0.0011	0.061	< ^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.485	< 0.0025	< 0.002	NA
	4/28/2020	0.33	90	50	0.20	7.32	41	430	NA	0.0016	0.06	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	< 0.005	< 0.54	< 0.0025	NA	NA
	12/9/2020	0.66	100	41	0.15	7.78	64	430	NA	< 0.001	0.076	NA	NA	< 0.005	< 0.001	< 0.0005	NA	< 0.0002	0.0059	< 0.471	< 0.0025	NA	NA
	5/11/2021	0.23	79	51	0.21	7.70	37	370	< 0.003	0.0015	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0095	< 0.528	< 0.0025	< 0.002	1.82
	8/24/2021	0.63	94	47	0.17	7.31	56	340	< 0.003	0.0014	0.073	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.47	< 0.0025	< 0.002	5.23
	11/30/2021	0.22	87	41	0.14	7.39	^- 36	380	< 0.003	0.0017	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0045	< 0.0002	< 0.005	0.575	< 0.0025	< 0.002	0.00
	2/8/2022	0.27	95	47	0.2	7.69	49	550	< 0.003	0.0017	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0025	< 0.0002	0.0076	0.554	< 0.0025	< 0.002	0.00
	6/7/2022	0.23	86	49	0.16	7.73	32	440	< 0.003	0.0016	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0063	0.665	< 0.0025	< 0.002	2.03
	8/30/2022	1.10	95	45	0.15	7.22	75	690	< 0.003	< 0.001	0.073	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	0.535	< 0.0025	< 0.002	2.46
	11/14/2022	1.60	96	49	0.21	7.14	63	480	< 0.003	< 0.001	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.587	< 0.0025	< 0.002	29.35
	2/21/2023	2.50	110	49	0.14	7.64	92	630	< 0.003	< 0.001	0.095	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.563	< 0.0025	< 0.002	2.63
	5/16/2023	0.53	83	47	0.15	7.48	33	400	< 0.003	0.0011	0.065	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.519	< 0.0025	< 0.002	62.49
	8/28/2023	2.70	94	46	0.16	7.17	70	490	F1 < 0.002	< 0.002	0.081	< 0.001	< 0.0002	< 0.005	< 0.0005	0.00058	< 0.01	< 0.0002	< 0.002	< 0.742	< 0.005	F1 0.0031	1.70
	11/7/2023	3.60	120	45	0.15	7.14	170	680	< 0.003	< 0.001	0.10	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	< 0.320	0.0026	< 0.002	2.63
	2/22/2024	0.25	76	62	0.14	7.43	47	480	< 0.003	< 0.001	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.559	0.0029	< 0.002	22.00
	6/19/2024	1.40	110	57	0.15	6.69	82	610	< 0.003	< 0.001	0.089	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+ < 0.01	< 0.0002	< 0.005	< 0.794	< 0.0025	< 0.002	8.34
	9/10/2024	3.90	110	55	0.15	7.19	83	590	< 0.003	< 0.001	0.093	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.689	< 0.0025	< 0.002	7.53
	11/19/2024	1.80	87	60	0.14	7.14	49	510	< 0.003	< 0.001	0.079	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.438	< 0.0025	< 0.002	3.32
	2/26/2025	2.10	120	51	0.14	7.20	97	530	< 0.003	< 0.001	0.11	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	< 0.005	0.656	< 0.0025	< 0.002	8.42

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided
F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 3. Sand and Gravel Unit CCR Permit Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium	Turbidity (NTU)
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-03 downgradient	6/20/2017	0.37	76	54	0.29	7.26	49	480	< 0.003	0.0013	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.325	< 0.0025	< 0.002	NA
	8/23/2017	0.40	79	52	0.28	7.44	52	430	< 0.003	0.001	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	1.200	< 0.0025	< 0.002	NA
	11/7/2017	0.31	79	62	0.26	7.04	61	460	< 0.003	0.0013	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.588	< 0.0025	< 0.002	NA
	5/15/2018	0.35	87	66	0.27	7.53	77	520	< 0.003	0.0010	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.489	< 0.0025	< 0.002	NA
	8/7/2018	0.40	82	67	0.22	6.60	49	500	< 0.003	0.0015	0.067	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002	NA
	10/30/2018	0.20	74	44	0.25	7.84	26	400	< 0.003	0.0014	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.354	< 0.0025	< 0.002	NA
	2/26/2019	0.06	74	56	0.24	7.49	25	410	< 0.003	0.0013	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	0.0007	< 0.01	< 0.0002	< 0.005	< 0.399	< 0.0025	< 0.002	NA
	4/30/2019	0.28	74	49	0.22	7.17	38	390	< 0.003	< 0.001	0.060	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.668	< 0.0025	< 0.002	NA
	8/26/2019	0.31	75	50	0.26	7.17	14	380	< 0.003	0.0014	0.069	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.444	< 0.0025	< 0.002	NA
	2/24/2020	0.33	87	53	0.22	7.10	65	470	< 0.003	< 0.001	0.066	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.400	< 0.0025	< 0.002	NA
	4/28/2020	0.24	86	46	0.22	7.03	79	410	NA	0.0013	0.066	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	< 0.005	< 0.498	0.0036	NA	NA
	12/9/2020	0.86	92	45	0.28	7.46	60	390	NA	< 0.001	0.086	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.432	< 0.0025	NA	NA
	5/11/2021	0.22	75	49	0.21	7.33	38	390	< 0.003	< 0.001	0.07	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.519	< 0.0025	< 0.002	2.68
	8/24/2021	0.41	81	46	0.25	7.15	32	310	< 0.003	0.0012	0.072	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.444	< 0.0025	< 0.002	5.75
	11/30/2021	0.30	76	47	0.26	7.20	^- 23	350	< 0.003	0.0014	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.004	< 0.0002	< 0.005	< 0.436	< 0.0025	< 0.002	0.00
	2/8/2022	0.20	94	47	0.21	7.22	50	550	< 0.003	0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.003	< 0.0002	< 0.005	0.593	< 0.0025	< 0.002	0.00
	6/7/2022	0.37	79	45	0.22	7.37	47	370	< 0.003	0.0012	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.851	< 0.0025	< 0.002	1.72
	8/30/2022	0.57	87	50	0.21	7.10	51	710	< 0.003	< 0.001	0.1	^+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+< 0.01	< 0.0002	< 0.005	0.589	< 0.0025	< 0.002	2.67
	11/14/2022	0.42	81	49	0.28	7.23	44	430	< 0.003	< 0.001	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.54	< 0.0025	< 0.002	4.03
	2/21/2023	1.00	96	53	0.20	7.75	70	550	< 0.003	< 0.001	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.493	< 0.0025	< 0.002	2.33
	5/16/2023	0.15	80	69	0.21	7.42	31	420	< 0.003	< 0.001	0.068	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	0.993	0.0038	< 0.002	6.94
	8/28/2023	0.32	73	82	0.20	7.28	36	430	< 0.002	< 0.002	0.096	< 0.001	< 0.0002	< 0.005	< 0.0005	< 0.0005	< 0.010	< 0.0002	0.0023	< 0.742	0.0070	0.003	1.45
	11/7/2023	1.10	90	59	0.19	7.29	91	530	< 0.003	< 0.001	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+< 0.010	< 0.0002	< 0.005	< 0.0758	0.0055	< 0.002	2.29
	2/22/2024	0.19	88	64	0.20	7.51	66	520	< 0.003	< 0.001	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.698	0.0058	< 0.002	10.24
	6/19/2024	0.93	100	54	0.24	6.80	73	540	< 0.003	0.0011	0.078	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.010	< 0.0002	< 0.005	< 0.727	< 0.0025	< 0.002	7.26
	9/10/2024	0.21	78	68	0.19	7.27	21	420	< 0.003	< 0.001	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.684	< 0.0025	< 0.002	8.64
	11/19/2024	0.67	84	58	0.18	7.18	48	510	< 0.003	< 0.001	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.0657	< 0.0025	< 0.002	3.83
	2/25/2025	0.35	92	64	0.18	7.14	39	470	< 0.003	< 0.001	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.331	0.0047	< 0.002	6.12
MW-04 downgradient	6/20/2017	0.47	77	55	0.29	7.45	53	480	< 0.003	< 0.001	0.0025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.343	< 0.0025	< 0.002	NA
	8/28/2017	V 0.73	90	89	0.33	7.13	110	680	< 0.003	< 0.001	0.028	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.013	< 0.246	< 0.0025	< 0.002	NA
	11/7/2017	0.60	110	94	0.24	6.80	130	650	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.332	0.0092	< 0.002	NA
	5/15/2018	0.68	87	66	0.27	7.63	100	630	< 0.003	< 0.001	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.661	< 0.0025	< 0.002	NA
	8/7/2018	0.79	84	71	0.32	6.72	49	510	< 0.003	0.0011	0.031	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.006	< 0.334	< 0.0025	< 0.002	NA
	10/30/2018	0.54	100	80	0.24	7.55	91	690	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.423	< 0.0025	< 0.002	NA
	2/26/2019	0.38	79	55	0.25	7.18	52	490	< 0.003	0.0013	0.033	< 0.001	< 0.0005	< 0.005	0.001	0.0012	< 0.01	< 0.0002	< 0.005	0.366	< 0.0025	< 0.002	NA
	4/30/2019	0.36	74	48	0.25	7.08	35	380	< 0.003	< 0.001	0.026	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.684	< 0.0025	< 0.002	NA
	8/26/2019	0.64	91	60	0.24	7.08	14	490	< 0.003	< 0.001	0.032	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.008	1.090	< 0.0025	< 0.002	NA
	2/24/2020	0.34	81	49	0.20	7.05	67	440	< 0.003	< 0.001	0.024	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.595	< 0.0025	< 0.002	NA
	4/28/2020	0.55	76	52	0.27	7.03	47	380	NA	< 0.001	0.025	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	< 0.005	< 0.465	< 0.0025	NA	NA
	12/9/2020	0.57	92	88	0.32	7.10	94	580	NA	< 0.001	0.034	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0076	< 0.411	< 0.0025	NA	NA
	5/11/2021	0.61	77	44	0.33	7.22	76	410	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.533	< 0.0025	< 0.002	4.33
	8/24/2021	0.72	78	48	0.34	7.12	15	100	< 0.003	< 0.001	0.024	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.014	< 0.427	< 0.0025	< 0.002	2.92
	11/30/2021	0.51	99	56	0.25	6.95	^- 62	560	< 0.003	0.0012	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0035	< 0.0002	< 0.005	< 0.419	< 0.0025	< 0.002	0.00
	2/8/2022	0.47	88	59	0.29	7.15	52	580	< 0.003	< 0.001	0.03	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0038	< 0.0002	0.006	0.818	< 0.0025	< 0.002	11.09
	6/7/2022	0.48	73	43	0.3	7.31	30	320	< 0.003	< 0.001	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0051	< 0.473	< 0.0025	< 0.002	1.62
	8/30/2022	0.67	94	61	0.21	6.80	67	720	< 0.003	< 0.001	0.034	^+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+< 0.01	< 0.0002	< 0.005	< 0.546	< 0.0025	< 0.002	4.05
	11/14/2022	0.84	110	62	0.2	6.85	41	570	< 0.003	< 0.001	0.08	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.583	0.0074	< 0.002	20.70
	2/21/2023	0.75	89	54	0.22	7.58	54	540	< 0.003	< 0.001	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.567	0.0037	< 0.002	3.70
	5/16/2023	0.66	100	51	0.27	7.21	120	550	< 0.003	< 0.001	0.034	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.624	< 0.0025	< 0.002	2.50
	8/28/2023	0.78	95	72	0.24	7.02	110	610	< 0.002	< 0.002	0.062	< 0.001	< 0.0002	< 0.005	< 0.005	< 0.0005	< 0.010	< 0.0002	< 0.002	< 0.669	< 0.005	< 0.001	5.59
	11/7/2023	0.78	100	59	0.21	7.01	150	620	< 0.003	< 0.001	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+< 0.010	< 0.0002	< 0.005	0.679	0.007	< 0.002	3.48
	2/22/2024	0.61	96	60	0.23	7.29	63	520	< 0.003	< 0.001	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	< 0.479	0.0042	< 0.002	15.41
	6/19/2024	1.30	120	57	0.30	6.77	150	670	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.010	< 0.0002	< 0.005	< 0.725	< 0.0025	< 0.002	12.81
	9/10/2024	1.60	100	62	0.18	6.96	110	590	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	0.712	< 0.0025	< 0.002	7.64
	11/19/2024	1.80	120	68	0.18	6.93	120	640	< 0.003	< 0.001	0.070	< 0.001	< 0.0005	< 0.005	< 0.001	0.0012	< 0.010	< 0.0002	< 0.005	< 0.375	0.0025	< 0.002	3.26
	2/25/2025	3.40	110	62	0.23	7.02	99	570	< 0.003	< 0.001	0.079	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	< 0.005	0.965	< 0.0025	< 0.002	6.26

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided
F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 3. Sand and Gravel Unit CCR Permit Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium	Turbidity (NTU)
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-05 downgradient	5/17/2016	0.70	100	85	0.35	7.08	120	660	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.373	< 0.0025	< 0.002	NA
	8/16/2016	0.69	110	97	0.30	6.85	150	830	< 0.003	< 0.001	0.060	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.452	< 0.0025	< 0.002	NA
	11/15/2016	0.93	94	66	0.23	6.96	77	620	< 0.003	< 0.001	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.449	< 0.0025	< 0.002	NA
	2/14/2017	0.79	100	100	0.25	7.25	170	760	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	0.00091	< 0.01	< 0.0002	< 0.005	< 0.359	< 0.0025	< 0.002	NA
	5/1/2017	0.70	100	92	0.28	7.60	170	710	< 0.003	< 0.001	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0066	< 0.439	< 0.0025	< 0.002	NA
	6/20/2017	0.64	89	63	0.28	7.32	78	550	< 0.003	< 0.001	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.365	< 0.0025	< 0.002	NA
	8/28/2017	0.62	110	120	0.33	7.05	210	870	< 0.003	< 0.001	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0085	0.381	< 0.0025	< 0.002	NA
	11/7/2017	0.51	99	110	0.31	6.87	160	990	< 0.003	< 0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.341	< 0.0025	< 0.002	NA
	5/15/2018	0.61	130	89	0.29	7.70	210	910	< 0.003	< 0.001	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.390	< 0.0025	< 0.002	NA
	8/7/2018	0.49	110	120	0.32	6.56	180	890	< 0.003	< 0.001	0.054	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0069	0.523	< 0.0025	< 0.002	NA
	4/30/2019	0.56	84	73	0.36	6.96	120	590	< 0.003	< 0.001	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	< 0.709	< 0.0025	< 0.002	NA
	8/26/2019	0.57	110	75	0.29	7.01	110	660	< 0.003	< 0.001	0.050	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0067	0.651	< 0.0025	< 0.002	NA
	2/24/2020	0.54	110	70	0.36	6.90	120	H 700	< 0.003	< 0.001	0.057	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0061	0.506	< 0.0025	< 0.002	NA
	4/28/2020	0.49	110	56	0.37	6.87	130	620	NA	0.001	0.052	NA	NA	< 0.005	< 0.001	< 0.0005	NA	NA	0.0074	0.508	< 0.0025	NA	NA
	12/9/2020	0.53	98	78	0.31	6.91	110	670	NA	< 0.001	0.05	NA	NA	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0072	0.569	< 0.0025	NA	NA
	5/11/2021	0.50	83	52	0.38	7.20	100	530	< 0.003	< 0.001	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0062	< 0.525	< 0.0025	< 0.002	1.82
	8/24/2021	0.55	88	69	0.32	6.84	99	500	< 0.003	< 0.001	0.041	< 0.001	< 0.0005	0.007	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0073	0.863	< 0.0025	< 0.002	3.20
	11/30/2021	0.68	99	67	0.3	6.92	^- 92	620	< 0.003	0.0011	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0052	< 0.0002	0.0051	0.632	< 0.0025	< 0.002	0.00
	2/8/2022	0.56	88	68	0.36	6.95	91	650	< 0.003	< 0.001	0.043	< 0.001	0.00066	< 0.005	0.0023	0.0017	0.0051	< 0.0002	0.007	< 0.438	< 0.0025	< 0.002	0.00
	6/7/2022	0.59	110	58	0.27	7.15	120	650	< 0.003	< 0.001	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	0.00034	< 0.005	< 0.468	< 0.0025	< 0.002	2.33
	8/30/2022	0.69	79	73	0.38	6.94	86	720	< 0.003	< 0.001	0.029	^+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	0.0073	< 0.538	< 0.0025	< 0.002	2.70
	11/14/2022	1.10	96	64	0.29	6.87	93	600	< 0.003	< 0.001	0.072	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0064	< 0.573	< 0.0025	< 0.002	2.05
	2/21/2023	0.68	100	93	0.29	7.34	97	760	< 0.003	< 0.001	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.528	0.0031	< 0.002	2.16
	5/16/2023	0.78	110	79	0.30	7.04	130	690	< 0.003	< 0.001	0.053	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	< 0.648	< 0.0025	< 0.002	2.55
	8/29/2023	1.10	98	80	0.29	6.99	83	660	< 0.002	< 0.002	0.037	< 0.001	< 0.0002	< 0.005	< 0.0005	< 0.0005	< 0.01	< 0.0002	0.004	0.817	< 0.005	< 0.001	1.50
	11/7/2023	1.50	110	98	0.26	6.96	150	700	< 0.003	< 0.001	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^+ < 0.01	< 0.0002	< 0.005	0.428	0.0025	< 0.002	2.50
	2/22/2024	3.30	120	93	0.30	7.17	190	830	< 0.003	< 0.001	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.965	< 0.0025	< 0.002	7.08
	6/19/2024	1.80	140	82	0.33	6.74	190	850	< 0.003	< 0.001	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+ < 0.01	< 0.0002	< 0.005	< 0.797	< 0.0025	< 0.002	7.56
	9/10/2024	2.30	100	61	0.26	7.10	120	670	< 0.003	< 0.001	0.060	< 0.001	0.0006	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.0065	2.74	< 0.0025	< 0.002	8.70
	11/19/2024	1.80	120	74	0.27	6.90	120	730	< 0.003	< 0.001	0.044	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	< 0.005	0.844	< 0.0025	< 0.002	3.18
	2/25/2025	2.10	130	96	0.24	6.94	160	750	< 0.003	< 0.001	0.081	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.005	0.873	< 0.0025	< 0.002	6.34
MW-07 downgradient	6/18/2024	0.79	230	130	0.50	6.56	49	1100	< 0.003	0.12	0.48	< 0.001	< 0.0005	0.0073	0.0088	0.0051	^1+ < 0.01	< 0.0002	0.0058	< 1.29	< 0.0025	< 0.002	40.69
	9/10/2024	0.39	250	140	0.39	6.69	24	1000	< 0.003	**0.14**	0.49	< 0.001	< 0.0005	< 0.005	**0.0074**	0.0010	< 0.01	< 0.0002	0.0069	**6.30**	< 0.0025	< 0.002	17.49
	11/20/2024	0.51	230	150	0.43	6.74	45	1100	< 0.003	**0.10**	0.48	< 0.001	< 0.0005	< 0.005	**0.0070**	0.0015	< 0.01	< 0.0002	0.0065	1.51	< 0.0025	< 0.002	25.87
	2/26/2025	0.50	280	150	0.43	6.64	39	1000	< 0.003	**0.15**	0.56	^1+ < 0.001	0.0007	< 0.005	**0.010**	0.0033	< 0.01	< 0.0002	0.0092	0.97	< 0.0025	< 0.002	53.00
MW-10 upgradient	6/22/2017	0.46	100	48	0.19	6.81	54	1.0	< 0.003	0.0023	0.250	< 0.001	< 0.0005	< 0.005	0.008	0.003	< 0.01	< 0.0002	< 0.005	0.408	0.0042	< 0.002	NA
	8/24/2017	0.32	93	51	0.18	7.14	57	480	< 0.003	0.002	0.220	< 0.001	< 0.0005	< 0.005	0.007	0.003	< 0.01	< 0.0002	< 0.005	0.564	0.0044	< 0.002	NA
	11/9/2017	0.36	98	48	0.18	6.78	64	500	< 0.003	< 0.001	0.220	< 0.001	< 0.0005	< 0.005	0.004	< 0.001	< 0.01	< 0.0002	< 0.005	1.020	0.0034	< 0.002	NA
	5/16/2018	0.42	93	44	0.19	7.64	80	530	< 0.003	0.001	0.220	< 0.001	< 0.0005	< 0.005	0.021	0.001	< 0.01	< 0.0002	< 0.005	1.550	0.0050	< 0.002	NA
	8/8/2018	0.39	99	58	0.19	7.10	60	550	< 0.003	0.0012	0.220	<^ 0.001	< 0.0005	< 0.005	0.014	0.001	< 0.01	< 0.0002	< 0.005	< 0.551	0.0062	< 0.002	NA
	10/30/2018	0.34	110	49	0.22	7.65	49	510	< 0.003	0.0110	0.410	< 0.001	0.0008	0.024	0.047	0.023	0.02	< 0.0002	< 0.005	3.00	0.0046	< 0.002	NA
	2/26/2019	0.39	150	48	0.21	6.77	36	540	< 0.003	0.022	0.590	< 0.005	0.0015	0.063	0.081	0.036	0.03	< 0.0002	0.007	4.130	0.0041	< 0.002	NA
	5/1/2019	0.35	92	50	0.22	6.81	30	470	< 0.003	0.0023	0.270	< 0.001	< 0.0005	< 0.005	0.011	0.0028	< 0.01	< 0.0002	< 0.005	1.330	0.0037	< 0.002	NA
	8/26/2019	0.30	84	48	0.19	7.09	30	410	< 0.003	0.0017	0.190	< 0.001	< 0.001	< 0.005	0.007	0.0016	< 0.01	< 0.0002	< 0.005	1.540	0.0050	< 0.002	NA
	2/25/2020	1.40	110	45	0.23	6.82	59	500	< 0.003	0.0033	0.280	^< 0.001	< 0.0005	0.0086	0.011	0.0046	< 0.01	< 0.0002	< 0.005	1.07	0.0058	< 0.002	NA
	4/28/2020	1.00	110	41	0.24	6.80	64	550	NA	0.0022	0.250	NA	NA	< 0.005	0.0065	0.0017	NA	NA	< 0.005	0.639	0.0054	NA	NA
	12/8/2020	2.40	120	44	0.26	7.11	71	550	NA	0.0015	0.280	NA	NA	< 0.005	0.0089	0.0023	NA	< 0.0002	< 0.005	1.76	0.0031	NA	NA
	5/11/2021	0.64	100	52	0.24	7.01	59	540	< 0.003	0.0011	0.260	< 0.001	< 0.0005	< 0.005	0.008	0.00085	< 0.01	< 0.0002	< 0.005	1.42	0.0049	< 0.002	NA
	8/24/2021	0.42	98	53	0.21	6.87	46	420	< 0.003	0.0017	0.24	< 0.001	< 0.0005	< 0.005	0.0082	0.002	< 0.01	< 0.0002	< 0.005	0.638	0.0051	< 0.002	NA
	11/30/2021	0.42	100	47	0.19	6.99	^- 36	530	< 0.003	0.0015	0.2	< 0.001	< 0.0005	< 0.005	0.0037	0.00051	0.0031	< 0.0002	< 0.005	1.39	< 0.0025	< 0.002	11.92
	2/9/2022	0.41	94	48	0.22	6.88	50	530	< 0.003	0.011	0.6	< 0.001	0.00064	0.026	0.054	0.021	0.011	< 0.0002	< 0.005	6.51	0.0045	< 0.002	224.60
	3/29/22 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.811	NA	NA	NA
	6/7/2022	0.43	85	44	0.21	7.09	38	390	< 0.003	0.0011	0.18	< 0.001	< 0.0005	< 0.005	0.0028	< 0.0005	< 0.01	< 0.0002	< 0.005	0.687	0.0049	< 0.002	7.88
	8/30/2022	0.38	92	45	0.22	6.83	38	590	< 0.003	0.0012	0.24	^+< 0.001	< 0.0005	< 0.005	0.0086	0.00074	^+ < 0.01	< 0.0002	< 0.005	1.4	< 0.0025	< 0.002	13.34
	11/15/2022	0.44	99	49	0.28	7.03	48	470	< 0.003	< 0.001	0.2	< 0.001	< 0.0005	< 0.005	0.0052	< 0.0005	< 0.01	< 0.0002	< 0.005	0.909	< 0.0025	< 0.002	23.18
	2/22/2023	1.30	100	40	0.22	7.57	66	510	< 0.003	0.001	0.22	< 0.001	< 0.0005	< 0.005	0.0039	0.00057	< 0.01	< 0.0002	< 0.005	0.753	0.0040	< 0.002	14.31
	5/17/2023	1.80	130	34	0.25	7.07	84	610	< 0.003	0.0017	0.32	^1+ < 0.001	< 0.0005	< 0.005	0.012	0.0018	< 0.01	< 0.0002	< 0.005	2.52	0.0047	< 0.002	30.70
	8/29/2023	1.30	96	56	0.29	7.00	50	510	< 0.002	< 0.002	0.2	< 0.001	< 0.0002	< 0.005	0.0042	0.00083	< 0.01	< 0.0002	< 0.002	< 0.667	< 0.005	< 0.001	31.79
	11/7/2023	2.40	110	42	0.31	7.11	150	630	< 0.003	0.0015	0.25	< 0.001	< 0.0005	< 0.005	0.0081	0.0019	^+ < 0.01	< 0.0002	< 0.005	1.91	0.0043	< 0.002	20.85
	2/21/2024	6.50	110	37	0.26	7.21	150	660	< 0.003	0.0014	0.27	< 0.001	< 0.0005	< 0.005	0.0045	0.0017	< 0.01	< 0.0002	< 0.005	< 0.664	0.0062	< 0.002	29.67
	6/19/2024	5.80	130	35	0.28	6.95	150	710	< 0.003	0.0012	0.25	< 0.001	< 0.0005	< 0.005	0.0071	0.0014	^1+ < 0.01	< 0.0002	< 0.005	1.34	0.0066	< 0.002	22.65
	9/11/2024	2.90	110	53	0.29	6.94	72	590	< 0.003	0.0011	0.23	< 0.001	< 0.0005	< 0.005	**0.0067**	0.00084	< 0.01	< 0.0002	< 0.005	1.33	0.0047	< 0.002	31.08
	11/21/2024	0.87	22	62	0.30	7.16	39	510	< 0.003	< 0.001	0.049	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.0005	< 0.01	< 0.0002	< 0.005	0.958	< 0.0025	< 0.002	18.30
	2/24/2025	**5.10**	130	49	0.26	6.83	140	700	< 0.003	0.002	0.59	< 0.001	< 0.0005	< 0.005	**0.012**	0.0016	< 0.01	< 0.0002	< 0.005	**5.23**	0.0061	< 0.002	324.52
	3/28/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0084**	NA	NA	NA	NA	NA	NA	NA	NA
	4/24/2025 R	**6.70**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.965	NA	NA	NA
MW-21D downgradient	6/17/2024	2.00	81	73	0.41	7.09	140	570	< 0.003	0.0033	0.46	< 0.001	< 0.0005	0.0076	0.0047	0.0036	^1+ < 0.01	< 0.0002	0.021	1.28	0.0031	< 0.002	162.37
	9/10/2024	0.71	69	110	0.58	7.46	100	630	< 0.003	0.0011	0.11	< 0.001	< 0.0005	< 0.005	< 0.0010	0.0005	< 0.01	< 0.0002	0.041	< 0.607	< 0.0025	< 0.002	22.92
	11/18/2024	0.80	75	110	0.48	7.39	100	630	< 0.003	0.0023	0.26	< 0.001	< 0.0005	< 0.005	0.0028	0.0023	< 0.01	< 0.0002	0.025	0.958	< 0.0025	< 0.002	72.04
	2/26/2025	1.20	81	100	0.55	7.37	210	600	< 0.003	< 0.001	0.096	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.022	0.988	< 0.0025	< 0.002	14.96

Notes: All units are in mg/L, except whereas noted

NA - Not Analyzed

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

B - Compound was found in the blank and sample

NSP - No Standard Provided

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

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

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

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

DNYA - Data Not Yet Available

Table 4. Silty Clay/Silt Unit Expanded Assessment Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-08 downgradient	11/18/2015	1.50	160	H 170	H 0.44	7.61	H **470**	H **1300**	< 0.003	0.003	0.150	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	H < 0.0002	0.010	< 0.559	< 0.0025	< 0.002
	2/25/2016	1.70	160	**200**	0.30	7	280	1100	< 0.003	0.002	0.11	< 0.001	0.0005	< 0.005	< 0.001	0.0007	0.02	< 0.0002	0.020	0.535	< 0.0025	< 0.002
	5/18/2016	1.70	160	140	0.34	7.67	300	**1200**	< 0.003	0.003	0.16	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.04	< 0.0002	0.007	0.417	< 0.0025	< 0.002
	8/17/2016	0.96	150	**230**	0.35	7.33	360	**1400**	< 0.003	0.003	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.013	< 0.519	< 0.0025	< 0.002
	11/15/2016	1.20	140	**290**	0.33	6.9	230	**1300**	< 0.003	0.0012	0.076	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.016	0.583	< 0.0025	< 0.002
	2/16/2017	1.50	150	**460**	0.28	7	230	**1500**	< 0.003	0.0030	0.086	< 0.001	< 0.0005	< 0.005	< 0.001	0.0009	< 0.01	< 0.0002	0.026	< 0.375	< 0.0025	< 0.002
	5/2/2017	0.55	140	**300**	0.33	7.3	320	**1300**	< 0.003	0.0029	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.0083	< 0.48	< 0.0025	< 0.002
	6/21/2017	1.20	160	**490**	0.30	7.27	350	**1700**	< 0.003	0.0045	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.031	< 0.439	< 0.0025	< 0.002
	8/29/2017	1.20	150	**360**	0.47	7.29	300	**1500**	< 0.003	0.0011	0.062	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.034	0.699	< 0.0025	< 0.002
	11/8/2017	0.68	130	**260**	0.45	7.27	270	**1200**	< 0.003	0.0027	0.1	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.019	< 0.0002	0.014	0.806	< 0.0025	< 0.002
	5/17/2018	1.20	130	**200**	0.37	6.79	170	1000	< 0.003	0.0030	0.072	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.024	0.655	< 0.0025	< 0.002
	8/8/2018	1.10	140	**270**	0.32	6.93	190	**1200**	< 0.003	0.0055	0.071	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.019	< 0.41	< 0.0025	< 0.002
	5/1/2019	0.54	95	73	0.35	7.60	85	600	< 0.003	0.0018	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.0069	0.892	< 0.0025	< 0.002
	11/13/2019	0.98	110	92	0.33	7.66	110	640	NA	0.0025	0.087	NA	< 0.0005	NA	< 0.001	0.0009	0.022	< 0.0002	0.013	< 0.498	< 0.0025	< 0.002
	4/28/2020	0.74	110	120	0.38	7.58	58	660	NA	0.0026	0.095	NA	< 0.0005	NA	< 0.001	< 0.0005	0.026	< 0.0002	0.011	< 0.45	< 0.0025	< 0.002
	12/14/2020	0.73	120	150	0.38	7.40	92	530	NA	0.0024	0.11	NA	< 0.0005	NA	< 0.001	0.00093	0.03	< 0.0002	0.012	1.31	< 0.0025	< 0.002
	5/11/2021	0.54	97	120	0.39	7.64	110	680	< 0.003	0.0020	0.092	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.021	< 0.0002	0.011	< 0.695	< 0.0025	< 0.002
	8/25/2021	0.60	100	110	0.35	7.28	100	550	< 0.003	0.0015	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.011	< 0.494	< 0.0025	< 0.002
	12/1/2021	0.64	110	97	0.36	7.50	^- 66	690	< 0.003	0.0025	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.011	1.02	< 0.0025	< 0.002
	2/10/2022	0.81	110	130	0.37	7.54	55	670	< 0.003	0.0029	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.0092	0.935	< 0.0025	< 0.002
	6/8/2022	0.73	130	180	0.30	7.71	53	790	< 0.003	0.0024	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.0086	< 0.52	< 0.0025	< 0.002
	8/30/2022	0.70	140	**210**	0.32	7.37	50	**1200**	< 0.003	0.0027	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.0083	0.859	< 0.003	< 0.002
	11/15/2022	0.68	130	**200**	0.45	7.67	41	780	< 0.003	0.0030	0.13	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.00050	0.023	< 0.0002	0.0083	0.451	< 0.003	< 0.002
	2/22/2023	0.66	130	140	0.32	8.11	61	800	< 0.003	0.0029	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.022	< 0.0002	0.007	0.676	< 0.0025	< 0.002
	5/17/2023	0.61	120	110	0.34	7.68	62	720	< 0.003	0.0029	0.13	^+ ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.0077	0.714	< 0.0025	< 0.002
	8/29/2023	0.67	110	140	0.34	7.64	49	700	< 0.002	0.0022	0.11	< 0.001	< 0.0002	< 0.005	< 0.001	< 0.0005	0.020	< 0.0002	0.01	0.835	< 0.005	< 0.001
	11/7/2023	0.72	120	130	0.32	7.67	86	790	< 0.003	0.0025	0.14	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	^1+ < 0.0005	0.021	< 0.0002	0.0071	< 0.386	< 0.003	< 0.002
	12/22/2023 R	NA	NA	NA	NA	NA	NA	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2024	0.74	120	69	0.29	7.81	89	710	< 0.003	0.0029	0.120	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.0086	0.648	< 0.0025	< 0.002
	6/20/2024	0.85	140	120	0.30	7.26	150	920	< 0.003	0.0021	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.007	0.602	< 0.0025	< 0.002
	7/25/2024 R	NA	NA	NA	NA	NA	220	950	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/2024	0.79	130	110	0.28	7.23	170	780	< 0.003	0.0015	0.092	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0180	< 0.0002	0.0078	< 0.666	< 0.0025	< 0.002
	11/21/2024	0.65	120	120	0.31	7.37	120	770	< 0.003	0.0021	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0200	< 0.0002	0.0092	< 0.668	< 0.0025	< 0.002
	2/26/2025	0.55	120	150	0.30	7.34	180	810	< 0.003	0.0026	0.13	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0220	< 0.0002	0.0099	1.14	< 0.0025	< 0.002
MW-12/12R downgradient	11/19/2015	0.94	160	H **220**	H 0.57	7.12	H **650**	H **1400**	< 0.003	**0.100**	0.180	^ < 0.001	0.0007	< 0.005	< 0.001	0.0006	0.02	H < 0.0002	0.028	< 0.685	< 0.0025	< 0.002
	2/26/2016	0.42	130	**200**	0.40	7.96	**530**	**1200**	< 0.003	**0.077**	0.13	< 0.001	0.0016	< 0.005	< 0.001	0.0014	0.01	< 0.0002	0.015	1.11	< 0.0025	< 0.002
	5/20/2016	0.65	150	**200**	0.49	7.28	**550**	**1400**	< 0.003	**0.065**	0.16	F1 < 0.001	0.0008	< 0.005	< 0.001	0.0016	0.01	< 0.0002	0.028	0.576	< 0.0025	< 0.002
	8/18/2016	0.69	170	**200**	0.49	7.06	**620**	**1600**	< 0.003	**0.330**	0.88	0.001	**0.0070**	< 0.005	0.001	0.0011	0.02	< 0.0002	0.011	3.68	< 0.0025	< 0.002
	11/18/2016	0.83	140	180	0.46	7.34	340	**1300**	< 0.003	**0.2300**	0.67	< 0.001	0.0028	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	< 0.010	1.86	< 0.0025	< 0.002
	2/16/2017	0.48	140	190	0.37	7.54	**630**	**1300**	< 0.003	**0.2900**	0.26	< 0.001	**0.0057**	< 0.005	0.001	0.0042	0.01	< 0.0002	0.015	1.15	< 0.0025	< 0.002
	5/3/2017	0.49	120	190	0.37	7.47	**500**	**1200**	< 0.003	**0.1000**	0.17	< 0.001	0.0022	< 0.005	< 0.001	0.0038	0.01	< 0.0002	0.017	0.518	< 0.0025	< 0.002
	6/22/2017	0.50	130	190	0.48	7.36	**580**	**1400**	< 0.003	**0.0250**	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	0.0010	< 0.01	< 0.0002	0.028	0.376	< 0.0025	< 0.002
	8/29/2017	0.78	140	180	0.52	7.34	**520**	**1400**	< 0.003	**0.0200**	0.095	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.024	0.529	< 0.0025	< 0.002
	11/10/2017	0.94	130	170	0.48	7.38	370	**1200**	< 0.003	**0.5000**	0.45	< 0.001	0.0015	< 0.005	< 0.001	0.0010	0.018	< 0.0002	0.023	1.67	< 0.0025	< 0.002
	5/16/2018	0.46	100	180	0.47	8.12	**720**	**1500**	< 0.003	**0.0860**	0.1	< 0.001	0.0005	< 0.005	< 0.001	0.0007	0.012	< 0.0002	0.021	0.741	< 0.0025	< 0.002
	8/9/2018	0.61	120	190	0.44	7.42	**480**	**1300**	< 0.003	**0.1200**	0.15	<^ 0.001	0.0008	< 0.005	< 0.001	0.0007	< 0.01	< 0.0002	0.026	0.735	< 0.0025	< 0.002
	5/1/2019	0.40	100	170	0.38	7.68	330	1000	< 0.003	**0.0410**	0.13	< 0.001	0.0005	< 0.005	< 0.001	0.0012	0.014	< 0.0002	0.011	0.666	< 0.0025	< 0.002
	11/14/2019	0.74	120	160	0.45	7.61	280	1100	NA	**0.0260**	0.072	NA	< 0.0005	NA	< 0.001	< 0.0005	0.014	< 0.0002	0.027	0.568	< 0.0025	< 0.002
	4/29/2020	0.34	71	150	0.34	7.96	360	980	NA	0.0029	0.034	NA	< 0.0005	NA	< 0.001	< 0.0005	0.012	< 0.0002	0.015	0.578	< 0.0025	< 0.002
	12/8/2020	0.61	92	160	0.56	7.36	320	990	NA	**0.0250**	0.069	NA	< 0.0005	NA	< 0.001	< 0.0005	0.012	< 0.0002	0.027	< 0.476	< 0.0025	< 0.002
	5/13/2021	0.40	89	140	0.23	7.39	350	990	< 0.003	0.0025	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.016	0.563	< 0.0025	< 0.002
	8/25/2021	0.50	82	130	0.46	7.43	220	740	< 0.003	0.0083	0.04	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.019	< 0.502	< 0.0025	< 0.002
	12/1/2021	0.53	72	130	0.52	7.38	^- 170	730	< 0.003	**0.0180**	0.045	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.009	< 0.0002	0.017	0.623	< 0.0025	< 0.002
	2/10/2022	0.35	96	140	0.27	7.28	320	980	< 0.003	0.0072	0.059	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.017	0.602	< 0.0025	< 0.002
	6/8/2022	0.49	98	140	0.41	7.65	320	950	< 0.003	0.0079	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.02	0.495	< 0.0025	< 0.002
	8/31/2022	0.62	100	150	0.50	7.33	260	870	< 0.003	**0.0990**	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.021	0.618	< 0.003	< 0.002
	11/15/2022	0.58	90	150	0.74	7.66	220	810	< 0.003	**0.0320**	0.072	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.00050	0.014	< 0.0002	0.02	< 0.622	< 0.003	< 0.002
	2/23/2023	0.28	100	160	0.38	8.18	340	950	< 0.003	**0.0320**	0.068	^1+ ^+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.013	< 0.874	< 0.0025	< 0.002
	5/16/2023	0.32	89	150	0.34	7.96	240	840	< 0.003	0.0023	0.043	^+ ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.013	< 0.588	< 0.0025	< 0.002
	8/30/2023	0.50	91	170	0.38	7.33	280	1000	< 0.002	0.0096	0.054	< 0.001	< 0.0002	< 0.005	< 0.001	< 0.0005	< 0.010	< 0.0002	0.02	0.76	< 0.005	< 0.001
	11/8/2023	0.52	90	140	0.49	7.56	230	770	< 0.003	**0.0260**	0.074	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	^1+ < 0.0005	0.011	< 0.0002	0.02	< 0.477	< 0.003	< 0.002
	12/22/2023 R	NA	NA	NA	NA	NA	NA	NA	NA	**0.023**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/20/2024	0.33	110	150	0.37	7.9	360	1100	< 0.003	0.0032	0.051	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.012	< 0.52	< 0.0025	< 0.002
	6/20/2024	0.48	110	140	0.35	7.47	330	**1200**	< 0.003	0.0022	0.066	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.015	< 0.609	< 0.0025	< 0.002
	9/11/2024	0.57	120	160	0.42	7.37	370	1100	< 0.003	**0.0140**	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.023	< 0.684	< 0.0025	< 0.002
	11/20/2024	0.52	99	130	0.38	7.5	230	850	< 0.003	**0.046**	0.098	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.017	1.74	< 0.0025	< 0.002
	2/27/2025	0.42	110	130	0.48	7.32	120	810	< 0.003	**0.024**	0.074	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0110	< 0.0002	0.0130	< 0.158	< 0.0025	< 0.002

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided

F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
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DNYA - Data Not Yet Available

Table 4. Silty Clay/Silt Unit Expanded Assessment Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-15 downgradient	11/18/2015	1.50	270	H **210**	H 0.53	6.55	H **1400**	H **2400**	< 0.003	**0.030**	0.096	^< 0.001	0.0006	< 0.005	< 0.001	< 0.0005	**0.04**	H < 0.0002	0.023	< 0.599	0.0065	< 0.002
	2/25/2016	2.00	240	110	0.61	6.84	**640**	**1700**	< 0.003	**0.025**	0.083	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	**0.04**	< 0.0002	0.035	0.87	0.045	< 0.002
	5/19/2016	2.70	320	**240**	0.53	6.83	**1200**	**2800**	< 0.003	**0.040**	0.097	< 0.001	0.0010	< 0.005	< 0.001	< 0.0005	**0.04**	< 0.0002	0.041	< 0.42	0.0067	< 0.002
	8/18/2016	1.50	200	F1 170	0.54	6.96	**660**	**1900**	< 0.003	**0.130**	0.11	< 0.001	0.0041	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.027	< 0.672	0.0061	< 0.002
	11/17/2016	1.30	120	180	0.47	6.91	**560**	**1900**	< 0.003	0.0033	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.018	< 0.57	0.0078	< 0.002
	2/17/2017	1.90	200	190	0.43	7.24	**670**	**1700**	< 0.003	**0.0200**	0.056	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.027	< 0.392	0.0032	< 0.002
	5/4/2017	1.50	180	190	0.57	7.35	**670**	**1700**	< 0.003	**0.0110**	0.049	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.023	< 0.456	0.0034	< 0.002
	6/21/2017	1.60	180	**200**	0.56	7.3	**530**	**1600**	< 0.003	0.0093	0.054	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.03	< 0.0002	0.03	< 0.347	0.0190	< 0.002
	8/29/2017	2.20	190	**200**	0.53	6.87	**540**	**1800**	< 0.003	0.0018	0.044	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.032	0.377	0.0092	< 0.002
	11/10/2017	1.60	170	180	0.63	7.09	**530**	**1500**	< 0.003	0.0063	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.02	< 0.313	0.016	< 0.002
	5/17/2018	2.30	200	160	0.50	6.75	**680**	**1800**	< 0.003	0.0081	0.05	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.029	< 0.0002	0.03	0.397	**0.077**	< 0.002
	8/9/2018	2.30	200	**200**	0.48	7.06	**520**	**1700**	< 0.003	0.0083	0.048	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.033	0.566	**0.06**	< 0.002
	5/2/2019	1.50	180	**200**	0.52	6.89	**420**	**1500**	< 0.003	0.0045	0.052	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.023	< 0.424	< 0.0025	< 0.002
	11/14/2019	1.80	170	170	0.50	7.24	260	**1300**	NA	0.0044	0.053	NA	< 0.0005	NA	< 0.001	< 0.0005	0.029	< 0.0002	0.025	< 0.475	< 0.0025	< 0.002
	4/29/2020	1.20	160	**200**	0.58	6.90	370	**1300**	NA	0.0036	0.06	NA	< 0.0005	NA	< 0.001	< 0.0005	0.027	< 0.0002	0.023	0.578	< 0.0025	< 0.002
	12/8/2020	1.50	170	**200**	0.55	7.04	**540**	**1400**	NA	**0.0200**	0.1	NA	0.0006	NA	0.001	< 0.0005	0.035	< 0.0002	0.02	0.626	0.012	< 0.002
	5/12/2021	1.30	180	180	0.54	6.97	**520**	**1500**	< 0.003	0.0048	0.065	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.026	< 0.0002	0.014	< 0.648	0.0071	< 0.002
	8/23/2021	1.50	200	180	0.52	6.76	**470**	**1500**	< 0.003	0.0019	0.055	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.025	< 0.0002	0.024	0.465	0.015	< 0.002
	11/29/2021	1.90	220	**250**	0.48	6.71	**480**	**1700**	< 0.003	0.0022	0.075	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.016	0.649	**0.059**	< 0.002
	2/9/2022	0.93	140	160	0.59	6.91	320	**1200**	< 0.003	0.0080	0.055	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.024	< 0.0002	0.014	< 0.424	0.0034	< 0.002
	6/8/2022	2.00	330	**240**	0.43	6.87	**980**	**2700**	< 0.003	0.0032	0.088	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.027	< 0.0002	0.019	0.485	**0.1**	< 0.002
	8/31/2022 R	1.50	210	**270**	0.48	6.8	**530**	**1800**	< 0.003	0.0049	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.032	< 0.0002	0.021	< 0.55	0.008	< 0.002
	11/16/2022	1.30	190	**230**	0.71	7.26	**450**	**1500**	< 0.003	0.0071	0.06	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.00050	0.025	< 0.0002	0.055	0.49	< 0.003	< 0.002
	2/23/2023	1.20	200	**210**	0.38	7.52	390	**1500**	< 0.003	0.0049	0.056	^1+ ^+ 0.001	0.0009	< 0.005	**0.009**	< 0.0005	0.025	< 0.0002	0.093	0.657	0.0290	**0.0029**
	5/17/2023	1.30	1400	**310**	0.42	6.84	**850**	**2500**	< 0.003	0.0027	0.075	^+ ^1+ 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.024	< 0.0002	0.039	< 0.538	**0.18**	< 0.002
	6/26/2023 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.041	NA
	8/30/2023	1.20	180	**280**	0.43	6.94	**430**	**1600**	< 0.002	0.0079	0.05	< 0.001	0.0004	< 0.005	0.002	< 0.0005	0.022	< 0.0002	0.097	1.15	0.021	< 0.001
	11/6/2023	1.00	190	**220**	0.44	7.05	**440**	**1500**	< 0.003	0.0033	0.06	^1+< 0.001	< 0.0005	< 0.005	0.0019	^1+< 0.0005	0.024	< 0.0002	0.047	0.729	0.0033	< 0.002
	2/20/2024	1.30	190	**200**	0.38	6.94	390	**1500**	< 0.003	0.0047	0.05	< 0.001	0.00051	< 0.005	0.0037	< 0.0005	0.024	< 0.0002	0.045	< 0.543	0.016	< 0.002
	6/18/2024	1.80	290	**340**	0.47	6.62	**630**	**2000**	< 0.003	0.0025	0.068	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< **0.05**	< 0.0002	0.031	< 0.687	0.022	< 0.002
	9/9/2024	1.60	240	**290**	0.43	6.84	**500**	**1700**	^1+< 0.003	0.0018	0.053	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.061	0.629	0.0066	< 0.002
	11/18/2024	1.20	180	**210**	0.42	6.94	350	**1400**	< 0.003	0.0065	0.049	< 0.001	< 0.0005	< 0.005	0.0017	< 0.0005	0.022	< 0.0002	**0.12**	< 0.196	0.0074	< 0.002
	1/7/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA	NA
	2/25/2025	1.30	210	**260**	0.43	6.92	330	**1400**	< 0.003	0.0076	0.062	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.0230	< 0.0002	0.0930	0.967	0.021	< 0.002
MW-17 downgradient	11/19/2015	1.60	210	H **230**	H 0.43	7.11	H **850**	H **1800**	< 0.003	0.003	0.140	^< 0.001	< 0.0005	< 0.005	0.001	0.0012	0.02	H < 0.0002	0.035	< 0.79	< 0.0025	< 0.002
	2/22/2016	1.80	290	**280**	0.55	7.19	**960**	**2100**	< 0.003	**0.021**	0.051	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	0.04	< 0.0002	0.093	1.07	< 0.0025	< 0.002
	5/18/2016	1.40	200	**230**	0.64	7.02	**700**	**1800**	< 0.003	**0.320**	0.12	< 0.001	0.0011	< 0.005	0.002	< 0.0005	0.03	< 0.0002	**0.120**	**8.27**	< 0.0025	**0.0028**
	8/15/2016	1.10	220	**220**	0.60	7.08	**860**	**2100**	< 0.003	**0.340**	0.12	< 0.001	0.0010	< 0.005	0.002	< 0.0005	0.02	< 0.0002	**0.100**	0.606	< 0.0025	**0.0031**
	11/14/2016	1.50	200	**210**	0.56	7.26	**560**	**2000**	< 0.003	**0.1900**	0.073	< 0.001	0.0005	< 0.005	0.001	< 0.0005	0.02	< 0.0002	0.042	3.76	< 0.0025	**0.0021**
	2/13/2017	1.60	190	**230**	0.56	6.84	**770**	**1600**	< 0.003	**0.3500**	0.16	< 0.001	0.0009	< 0.005	0.001	0.0008	0.02	< 0.0002	0.088	2.08	< 0.0025	**0.0025**
	5/4/2017	1.20	170	**210**	0.61	7.29	**720**	**1500**	< 0.003	**0.2400**	0.39	0.001	0.0023	< 0.005	0.002	0.0007	0.02	< 0.0002	0.036	1.91	< 0.0025	**0.0065**
	6/22/2017	0.95	150	**230**	0.72	7.38	**580**	**1600**	< 0.003	**0.4100**	0.13	< 0.001	0.0007	< 0.005	0.001	0.0011	0.02	< 0.0002	**0.11**	1.21	< 0.0025	**0.0022**
	8/29/2017	1.40	190	**230**	0.64	7.19	**640**	**1900**	< 0.003	**0.2400**	0.092	< 0.001	< 0.0005	< 0.005	< 0.001	0.0006	0.021	< 0.0002	**0.13**	3.32	< 0.0025	**0.0025**
	11/6/2017	1.70	190	**240**	0.62	7.27	**840**	**1800**	< 0.003	**0.1700**	0.38	< 0.001	0.0022	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.019	2.54	< 0.0025	**0.0075**
	5/14/2018	1.60	170	**220**	0.60	7.79	**800**	**1700**	< 0.003	**0.4200**	0.17	< 0.001	0.0020	< 0.005	0.003	0.0021	0.015	< 0.0002	**0.13**	2.03	< 0.0025	**0.0068**
	8/6/2018	1.30	170	**230**	0.60	7.12	**620**	**1600**	< 0.003	**0.0870**	0.055	<^ 0.001	0.0009	< 0.005	0.002	< 0.0005	0.019	< 0.0002	0.084	1.34	< 0.0025	**0.0023**
	4/29/2019	0.98	150	190	0.66	7.25	**660**	**1500**	< 0.003	**0.0420**	0.04	< 0.001	0.0005	< 0.005	< 0.001	0.0007	0.015	< 0.0002	0.06	0.517	< 0.0025	< 0.002
	11/13/2019	1.90	230	**600**	0.55	7.16	**730**	**2300**	NA	**0.0880**	0.1	NA	0.0015	NA	0.001	0.0009	0.021	< 0.0002	0.058	0.643	< 0.0025	**0.0029**
	4/27/2020	1.20	150	170	0.79	7.27	**520**	**1300**	NA	**0.0260**	0.036	NA	< 0.0005	NA	< 0.001	0.00081	0.021	< 0.0002	0.075	0.498	< 0.0025	< 0.002
	12/7/2020	1.30	140	160	0.80	7.22	**430**	1100	NA	**0.0800**	0.05	NA	0.0010	NA	< 0.001	0.0011	0.022	< 0.0002	0.056	< 0.438	< 0.0025	< 0.002
	5/12/2021	0.99	130	160	0.77	7.52	**480**	**1200**	< 0.003	0.0053	0.027	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.049	< 0.478	< 0.0025	< 0.002
	8/23/2021	0.92	140	150	0.70	7.37	**500**	1100	< 0.003	0.0058	0.028	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.043	0.553	< 0.0025	< 0.002
	11/29/2021	1.00	140	150	0.76	7.30	**430**	**1200**	< 0.003	0.0039	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.017	< 0.0002	0.04	0.892	< 0.0025	< 0.002
	2/7/2022	0.90	140	160	0.82	7.27	**430**	**1300**	< 0.003	0.0044	0.026	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.038	0.693	< 0.0025	< 0.002
	6/8/2022	1.30	200	190	0.69	7.51	**810**	**1900**	< 0.003	0.0051	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.018	< 0.0002	0.052	< 0.601	< 0.0025	< 0.002
	8/31/2022	1.10	150	170	0.73	7.12	**430**	**1200**	< 0.003	0.0030	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.016	< 0.0002	0.024	< 0.533	< 0.003	< 0.002
	11/16/2022	1.10	150	170	0.98	7.56	**530**	**1400**	< 0.003	0.0058	0.04	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.00050	0.013	< 0.0002	0.028	0.512	< 0.003	< 0.002
	2/23/2023	1.60	170	**210**	0.67	7.87	**690**	**1700**	< 0.003	0.0034	0.027	^1+ ^+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.043	< 0.583	< 0.0025	0.002
	5/18/2023	0.98	150	190	0.65	7.34	**460**	**1400**	< 0.003	0.0026	0.023	^+ ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.058	< 0.521	< 0.0025	< 0.002
	8/30/2023	1.100	130	**210**	0.670	7.210	**560**	**1500**	< 0.002	0.003	0.023	< 0.001	0.000	< 0.005	< 0.001	< 0.001	0.012	< 0.000	0.051	< 0.630	< 0.005	0.002
	11/6/2023	1.00	130	190	0.61	7.18	**480**	**1400**	< 0.003	0.0024	0.03	^1+< 0.001	< 0.0005	< 0.005	< 0.001	^1+< 0.0005	0.014	< 0.0002	0.036	< 0.0459	< 0.003	< 0.002
	2/19/2024	1.20	150	180	0.65	7.41	**610**	**1600**	< 0.003	0.0023	0.03	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.015	< 0.0002	0.045	< 0.489	< 0.0025	< 0.002
	6/17/2024	1.10	160	170	0.70	7.17	**600**	**1500**	< 0.003	0.0027	0.026	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.062	1.1	< 0.0025	**0.0022**
	9/12/2024	1.00	150	170	0.71	7.18	**560**	**1400**	< 0.003	0.0028	0.025	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.05	< 0.709	< 0.0025	< 0.002
	11/21/2024	0.92	140	150	0.71	7.31	**430**	**1300**	< 0.003	0.0019	0.027	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.036	< 0.089	< 0.0025	< 0.002
	2/27/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided
NS - Not Sampled Due to Insufficient Water

F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 4. Silty Clay/Silt Unit Expanded Assessment Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-18 downgradient	11/19/2015	0.80	140	H **220**	H 0.66	7.62	H 310	H **1200**	< 0.003	0.001	0.140	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	H < 0.0002	0.005	< 0.845	< 0.0025	< 0.002
	2/22/2016	0.76	150	**220**	0.68	7.06	310	**1200**	< 0.003	0.001	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.02	< 0.0002	0.006	1.88	< 0.0025	< 0.002
	5/18/2016	0.72	120	**230**	0.71	7.68	230	**1200**	< 0.003	< 0.001	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.005	< 0.493	< 0.0025	< 0.002
	8/15/2016	0.67	130	**210**	0.64	7.52	330	**1300**	< 0.003	< 0.001	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.006	0.836	< 0.0025	< 0.002
	11/18/2016	0.94	130	**200**	0.58	7.69	250	**1300**	< 0.003	< 0.0010	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.005	0.488	< 0.0025	< 0.002
	2/15/2017	0.56	140	190	0.50	7.81	340	**1200**	< 0.003	< 0.0010	0.14	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.006	< 0.347	< 0.0025	< 0.002
	5/5/2017	0.46	130	180	0.52	8.12	360	1100	< 0.003	0.0032	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	0.0006	0.01	< 0.0002	< 0.005	0.612	< 0.0025	< 0.002
	6/21/2017	0.53	120	190	0.51	8.1	320	**1200**	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.0051	0.629	< 0.0025	< 0.002
	8/28/2017	0.65	120	**200**	0.53	7.81	310	**1200**	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.005	0.498	< 0.0025	< 0.002
	11/6/2017	0.67	120	190	0.57	7.74	**400**	**1200**	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.011	< 0.0002	0.0057	0.755	< 0.0025	< 0.002
	5/14/2018	0.57	130	180	0.59	8.27	**440**	**1200**	< 0.003	< 0.0010	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.0052	0.641	< 0.0025	< 0.002
	8/6/2018	0.58	120	**230**	0.57	7.88	270	1100	< 0.003	< 0.0010	0.12	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.0052	1.02	< 0.0025	< 0.002
	4/29/2019	0.54	120	180	0.61	7.77	170	1000	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	< 0.005	< 0.445	< 0.0025	< 0.002
	11/13/2019	0.79	130	180	0.56	8.26	210	1100	NA	0.0013	0.12	NA	< 0.0005	NA	< 0.001	< 0.0005	0.014	< 0.0002	< 0.005	< 0.49	< 0.0025	< 0.002
	4/27/2020	0.60	120	170	0.69	7.90	180	1000	NA	< 0.0010	0.12	NA	< 0.0005	NA	< 0.001	< 0.0005	0.016	< 0.0002	< 0.005	< 0.526	< 0.0025	< 0.002
	12/7/2020	0.75	110	F1 150	0.70	7.70	160	910	NA	0.0032	0.11	NA	< 0.0005	NA	< 0.001	< 0.0005	0.014	< 0.0002	0.061	< 0.497	< 0.0025	< 0.002
	5/10/2021	0.66	130	140	0.66	8.02	350	880	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	0.005	< 0.544	< 0.0025	< 0.002
	8/26/2021	0.52	140	140	0.56	7.97	340	1000	< 0.003	0.0023	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.014	< 0.0002	0.03	0.633	< 0.0025	< 0.002
	12/1/2021	0.61	140	150	0.59	7.93	^- 310	**1200**	< 0.003	0.0036	0.15	< 0.001	< **0.005**	< 0.001	< 0.001	0.00062	0.015	< 0.0002	0.018	< 0.514	< 0.0025	< 0.002
	2/8/2022	0.55	130	150	0.60	7.81	270	**1200**	< 0.003	**0.0100**	0.26	< 0.001	< 0.0005	0.010	0.003	0.005	0.014	< 0.0002	0.013	1.6	< 0.0025	< 0.002
	6/6/2022	0.65	120	150	0.55	8.01	230	1000	< 0.003	< 0.0010	0.11	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	0.0067	0.832	< 0.0025	< 0.002
	8/30/2022	0.66	130	160	0.55	7.82	240	**1400**	< 0.003	0.0085	0.23	< 0.001	< 0.0005	0.007	0.003	0.0039	0.016	< 0.0002	0.0056	0.645	< 0.003	< 0.002
	11/16/2022	0.54	110	160	0.63	7.9	220	1100	< 0.003	0.0069	0.28	< 0.001	< 0.0005	0.017	0.0056	**0.0092**	0.019	< 0.0002	0.007	4.93	< 0.003	< 0.002
	2/21/2023	0.68	130	160	0.52	8.27	180	1100	< 0.003	< 0.0010	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.012	< 0.0002	< 0.005	1.55	< 0.0025	< 0.002
	5/18/2023	0.61	130	140	0.52	8.04	120	1000	< 0.003	< 0.0010	0.12	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.006	< 0.433	< 0.0025	< 0.002
	8/29/2023	0.750	140	170	0.500	7.880	110	970	< 0.002	< 0.002	0.130	< 0.001	< 0.000	< 0.005	< 0.001	< 0.001	< 0.010	< 0.000	0.004	< 0.796	< 0.005	< 0.001
	11/8/2023	0.68	120	160	0.46	7.92	110	1100	< 0.003	0.0015	0.16	^1+< 0.001	< 0.0005	< 0.005	< 0.001	^1+< 0.0005	0.011	< 0.0002	< 0.005	< 0.861	< 0.003	< 0.002
	2/19/2024	0.74	130	140	0.52	8.1	60	1000	< 0.003	< 0.001	0.12	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	< 0.005	0.881	< 0.0025	< 0.002
	6/17/2024	0.70	140	160	0.52	7.75	89	1100	< 0.003	0.001	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+< 0.01	< 0.0002	< 0.005	< 0.611	< 0.0025	< 0.002
	9/12/2024	0.67	140	150	0.50	7.61	74	940	< 0.003	0.0024	0.180	< 0.001	< 0.0005	< 0.005	0.002	0.0022	< 0.01	< 0.0002	< 0.005	< 1.1	< 0.0025	< 0.002
	11/19/2024	0.59	130	170	0.49	7.78	73	990	< 0.003	< 0.0010	0.13	< 0.001	< 0.0005	< 0.005	< 0.001	0.0017	0.01	< 0.0002	< 0.005	< 0.428	< 0.0025	< 0.002
	2/27/2025	0.73	130	180	0.49	7.89	85	940	< 0.003	< 0.001	0.13	^1+< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.013	< 0.0002	< 0.005	0.691	< 0.0025	< 0.002

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided

F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 5. Sand and Gravel Unit Expanded Assessment Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-09 downgradient	11/18/2015	2.00	63	H 31	H 0.19	7.15	H 110	H 440	< 0.003	< 0.001	0.027	^< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	H< 0.0002	0.043	< 0.655	< 0.0025	< 0.002
	2/25/2016	2.30	77	36	0.19	7.34	120	500	< 0.003	0.004	0.036	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	< 0.01	< 0.0002	0.053	< 0.361	< 0.0025	< 0.002
	5/19/2016	2.00	73	38	0.17	7.3	100	520	< 0.003	< 0.001	0.029	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.042	< 0.394	0.0032	< 0.002
	8/17/2016	2.70	74	39	0.15	7.32	120	750	< 0.003	< 0.001	0.031	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.036	< 0.498	< 0.0025	< 0.002
	11/17/2016	4.50	85	38	0.13	7.37	110	630	< 0.003	0.0038	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.036	0.646	0.0025	< 0.002
	2/15/2017	4.10	84	38	0.13	6.94	160	620	< 0.003	0.0032	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.035	< 0.377	0.0062	< 0.002
	5/3/2017	3.50	85	38	0.17	7.48	170	680	< 0.003	0.0012	0.034	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.034	< 0.445	0.0110	< 0.002
	6/21/2017	3.30	82	38	0.14	7.63	180	760	< 0.003	< 0.0010	0.037	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.033	< 0.38	0.0072	< 0.002
	8/25/2017	3.80	85	36	0.14	7.30	150	630	< 0.003	< 0.0010	0.044	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.028	< 0.16	0.0043	< 0.002
	11/8/2017	4.00	89	37	0.13	6.92	190	650	< 0.003	0.0012	0.048	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.026	0.344	< 0.0025	< 0.002
	5/16/2018	4.10	89	36	0.15	7.83	180	550	< 0.003	< 0.0010	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	0.0003	0.031	< 0.424	0.006	< 0.002
	8/8/2018	4.30	86	39	0.14	7.31	180	690	< 0.003	< 0.0010	0.037	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.032	0.44	0.0078	< 0.002
	5/1/2019	4.60	79	37	0.17	7.11	170	640	< 0.003	< 0.0010	0.038	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.031	< 0.66	0.0036	< 0.002
	11/14/2019	2.50	85	36	0.18	7.49	82	500	NA	0.0056	0.057	NA	< 0.0005	NA	0.003	0.0008	< 0.01	< 0.0002	0.026	< 0.457	< 0.0025	< 0.002
	4/29/2020	2.00	71	34	0.20	7.19	140	510	NA	0.0012	0.031	NA	< 0.0005	NA	< 0.001	< 0.0005	< 0.01	< 0.0002	0.028	0.698	< 0.0025	< 0.002
	12/8/2020	2.60	65	34	0.22	7.29	63	400	NA	0.0013	0.042	NA	< 0.0005	NA	< 0.001	< 0.0005	< 0.01	< 0.0002	0.025	< 0.479	< 0.0025	< 0.002
	5/13/2021	2.00	74	33	0.20	7.33	120	410	< 0.003	< 0.0010	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.025	< 0.612	< 0.0025	< 0.002
	8/25/2021	2.20	80	32	0.17	7.11	130	420	< 0.003	< 0.0010	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.022	< 0.579	< 0.0025	< 0.002
	12/1/2021	3.20	79	32	0.20	7.22	^- 100	570	< 0.003	< 0.0010	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0021	< 0.0002	0.028	< 0.365	< 0.0025	< 0.002
	2/10/2022	3.50	79	33	0.23	7.12	120	510	< 0.003	0.0019	0.043	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0028	< 0.0002	0.03	< 0.393	< 0.0025	< 0.002
	6/8/2022	3.20	70	31	0.21	7.52	150	510	< 0.003	0.0020	0.042	< 0.001	< 0.0005	< 0.005	0.001	< 0.0005	< 0.01	< 0.0002	0.028	< 0.548	< 0.0025	< 0.002
	8/31/2022	3.20	79	30	0.18	7.18	140	530	< 0.003	< 0.0010	0.036	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.024	< 0.458	< 0.003	< 0.002
	11/15/2022	3.70	77	32	0.25	7.39	130	490	< 0.003	< 0.0010	0.039	< 0.001	< 0.0005	< 0.005	< 0.0010	< 0.00050	< 0.01	< 0.0002	0.031	< 0.448	< 0.003	< 0.002
	2/23/2023	4.60	71	31	0.18	7.92	150	520	< 0.003	< 0.0010	0.037	^1+ ^+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.034	< 0.614	< 0.0025	< 0.002
	5/16/2023	3.90	70	30	0.16	7.46	130	510	< 0.003	< 0.0010	0.029	^+ ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.032	< 0.534	< 0.0025	< 0.002
	8/30/2023	2.80	73	30	0.150	7.250	120	500	< 0.002	< 0.002	0.032	< 0.001	< 0.000	< 0.005	< 0.001	< 0.001	< 0.010	< 0.000	0.020	< 0.747	< 0.005	< 0.001
	11/8/2023	3.20	87	25	0.14	7.15	130	570	< 0.003	< 0.0010	0.049	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	^1+ < 0.0005	< 0.01	< 0.0002	0.024	< 0.103	0.006	< 0.002
	2/21/2024	3.50	73	31	0.17	7.47	150	610	< 0.003	< 0.001	0.035	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.031	0.641	0.006	< 0.002
	6/20/2024	2.90	69	29	0.17	7.23	120	590	< 0.003	< 0.001	0.033	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+ < 0.01	< 0.0002	0.024	< 0.697	0.0027	< 0.002
	9/11/2024	2.60	82	26	0.15	7.2	110	550	< 0.003	< 0.0010	0.039	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.02	< 0.735	0.0061	< 0.002
	11/20/2024	2.20	82	20	0.13	7.15	95	520	< 0.003	< 0.0010	0.041	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.018	< 0.419	0.0083	< 0.002
	2/27/2025	3.10	93	32	0.14	7.22	57	560	< 0.003	< 0.001	0.045	^1+ < 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.026	0.902	0.0078	< 0.002
MW-11 downgradient	11/19/2015	1.70	110	H 54	H 0.55	7.06	H 160	H 670	< 0.003	**0.017**	0.180	^< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	H< 0.0002	0.012	0.788	< 0.0025	< 0.002
	2/22/2016	1.50	140	120	0.55	7.25	220	850	< 0.003	**0.023**	0.23	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.013	0.562	< 0.0025	< 0.002
	5/18/2016	1.60	140	120	0.56	7.1	210	920	< 0.003	**0.027**	0.26	< 0.001	< 0.0005	< 0.005	0.002	0.0008	< 0.01	< 0.0002	0.014	0.524	< 0.0025	< 0.002
	8/15/2016	1.00	130	93	0.67	7.08	180	910	< 0.003	F1 **0.290**	1.4	< 0.001	< 0.0005	< 0.005	0.003	0.0010	< 0.01	< 0.0002	0.011	1.13	< 0.0025	< 0.002
	11/18/2016	1.20	140	130	0.44	7.21	240	1100	< 0.003	**0.0710**	0.44	< 0.001	< 0.0005	< 0.005	0.004	0.0013	< 0.01	< 0.0002	0.009	0.734	< 0.0025	< 0.002
	2/15/2017	1.60	140	110	0.40	6.62	260	910	< 0.003	**0.0400**	0.3	< 0.001	< 0.0005	< 0.005	0.003	0.0009	< 0.01	< 0.0002	0.013	0.341	< 0.0025	< 0.002
	5/5/2017	1.30	160	160	0.42	7.36	**440**	**1300**	< 0.003	**0.0390**	0.26	< 0.001	< 0.0005	< 0.005	0.004	0.0009	< 0.01	< 0.0002	0.015	0.662	< 0.0025	< 0.002
	6/21/2017	1.20	140	120	0.60	7.21	260	1000	< 0.003	**0.0700**	0.36	< 0.001	< 0.0005	< 0.005	0.003	< 0.0005	< 0.01	< 0.0002	0.014	< 0.418	< 0.0025	< 0.002
	8/28/2017	2.20	130	83	0.52	7.23	310	1100	< 0.003	**0.0170**	0.21	< 0.001	< 0.0005	< 0.005	0.003	< 0.0005	< 0.01	< 0.0002	0.016	< 0.313	< 0.0025	< 0.002
	11/6/2017	1.50	140	100	0.59	6.96	230	970	< 0.003	**0.0920**	0.54	< 0.001	< 0.0005	< 0.005	0.003	< 0.0005	< 0.01	< 0.0002	0.014	1.24	< 0.0025	< 0.002
	5/14/2018	2.00	140	88	0.61	7.89	270	1000	< 0.003	**0.0890**	0.47	< 0.001	< 0.0005	< 0.005	0.004	< 0.0005	< 0.01	< 0.0002	0.014	1.12	< 0.0025	< 0.002
	8/6/2018	1.40	160	120	0.65	7.24	220	1000	< 0.003	**0.6800**	**3**	<^ 0.001	0.0008	< 0.005	0.005	0.0012	< 0.01	< 0.0002	0.013	1.48	< 0.0025	< 0.002
	4/29/2019	2.30	110	60	0.62	7.08	200	730	< 0.003	**0.1100**	0.6	< 0.001	< 0.0005	< 0.005	0.003	0.0011	< 0.01	< 0.0002	0.014	1.59	< 0.0025	< 0.002
	11/13/2019	1.80	120	83	0.55	7.43	150	890	NA	**0.1400**	0.72	NA	< 0.0005	NA	0.004	0.0021	< 0.01	< 0.0002	0.02	2.64	< 0.0025	< 0.002
	4/27/2020	1.20	100	110	0.62	7.08	320	950	NA	**0.0190**	0.21	NA	< 0.0005	NA	0.002	< 0.0005	< 0.01	< 0.0002	0.024	0.47	< 0.0025	< 0.002
	12/7/2020	0.73	86	94	0.67	7.26	200	650	NA	**0.0270**	0.26	NA	< 0.0005	NA	0.002	< 0.0005	< 0.01	< 0.0002	0.03	< 0.523	< 0.0025	< 0.002
	5/10/2021	1.00	99	130	0.72	7.26	230	820	< 0.003	**0.0240**	0.25	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	0.012	< 0.0002	0.032	1.59	< 0.0025	< 0.002
	8/26/2021	0.88	100	100	0.65	7.03	210	800	< 0.003	**0.0150**	0.16	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.03	< 0.472	< 0.0025	< 0.002
	12/1/2021	1.20	100	85	0.67	7.17	^- 160	850	< 0.003	0.0093	0.17	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	0.0067	< 0.0002	0.032	1.3	< 0.0025	< 0.002
	2/8/2022	0.93	110	110	0.68	7.11	220	920	< 0.003	**0.0150**	0.2	< 0.001	< 0.0005	< 0.005	0.002	0.00059	0.007	< 0.0002	0.027	0.839	< 0.0025	< 0.002
	6/6/2022	1.70	110	75	0.64	7.35	150	710	< 0.003	**0.0280**	0.2	< 0.001	0.00058	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.021	0.786	< 0.0025	< 0.002
	8/30/2022	1.20	120	100	0.61	6.97	190	830	< 0.003	**0.0160**	0.2	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.02	1.04	< 0.003	< 0.002
	11/16/2022	2.20	110	61	0.84	7.21	110	690	< 0.003	**0.0150**	0.16	< 0.001	< 0.0005	< 0.005	0.0017	< 0.0005	< 0.01	< 0.0002	0.016	0.785	< 0.003	< 0.002
	2/21/2023	3.10	110	63	0.58	7.7	120	680	< 0.003	**0.0120**	0.17	^1+ ^+ 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.016	0.934	< 0.0025	< 0.002
	5/18/2023	2.50	120	65	0.52	7.19	120	690	< 0.003	**0.0110**	0.18	^+ ^1+ 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.016	< 0.625	< 0.0025	< 0.002
	8/29/2023	2.100	110	69	0.540	7.040	87	760	< 0.002	**0.017**	0.170	< 0.001	< 0.000	< 0.005	0.002	< 0.001	< 0.010	< 0.000	0.013	0.824	< 0.005	< 0.001
	11/8/2023	2.20	110	63	0.50	7.1	160	710	< 0.003	**0.0150**	0.26	^1+ < 0.001	< 0.0005	< 0.005	0.002	^1+ < 0.0005	< 0.01	< 0.0002	0.013	0.834	< 0.003	< 0.002
	2/19/2024	1.80	140	69	0.52	7.26	73	860	< 0.003	**0.02**	0.3	< 0.001	< 0.0005	< 0.005	0.0021	< 0.0005	< 0.01	< 0.0002	0.011	1.17	< 0.0025	< 0.002
	6/17/2024	2.40	120	63	0.51	7.03	110	790	< 0.003	0.0089	0.19	< 0.001	< 0.0005	< 0.005	0.0018	< 0.0005	^1+ < 0.01	< 0.0002	0.014	1.13	< 0.0025	< 0.002
	9/12/2024	1.80	130	56	0.50	7.18	82	700	^1+ < 0.003	**0.0190**	0.200	< 0.001	< 0.0005	< 0.005	0.002	< 0.0005	< 0.01	< 0.0002	0.013	0.922	< 0.0025	< 0.002
	11/19/2024	1.40	100	56	0.53	7.13	77	720	< 0.003	**0.0140**	0.2	< 0.001	< 0.0005	< 0.005	0.0017	< 0.0005	< 0.01	< 0.0002	0.012	0.627	< 0.0025	< 0.002
	2/27/2025	2.10	130	59	0.47	6.99	96	690	< 0.003	**0.027**	0.29	< 0.001	< 0.0005	< 0.005	0.003	0.0018	< 0.01	< 0.0002	0.012	< 0.357	< 0.0025	< 0.002

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided

(CL) - Silty Clay Unit
F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
NS - Not Sampled Due to Insufficient Water

^- - Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 5. Sand and Gravel Unit Expanded Assessment Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
GWPS		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5.0	0.05	0.002
MW-19 downgradient	11/18/2016	3.80	89	38	0.13	7.34	120	670	< 0.003	< 0.001	0.084	< 0.001	< 0.0005	< 0.005	0.001	0.0007	< 0.01	< 0.0002	0.035	< 0.476	0.0043	< 0.002
	2/15/2017	**4.70**	88	37	0.13	7.5	180	630	< 0.003	< 0.001	0.088	< 0.001	< 0.0005	< 0.005	< 0.001	0.0006	< 0.01	< 0.0002	0.046	< 0.482	0.0063	< 0.002
	5/5/2017	3.30	88	38	0.14	7.51	160	640	< 0.003	< 0.001	0.076	< 0.001	< 0.0005	< 0.005	0.001	0.0012	< 0.01	< 0.0002	0.035	0.923	0.0068	< 0.002
	6/21/2017	2.30	110	35	0.12	7.3	170	690	< 0.003	< 0.001	0.089	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.024	< 0.334	0.0028	< 0.002
	8/28/2017	3.50	97	36	0.16	7.2	160	700	< 0.003	< 0.0010	0.073	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.041	0.37	0.0035	< 0.002
	11/6/2017	4.50	86	35	0.17	7.26	190	640	< 0.003	< 0.0010	0.071	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.042	0.36	< 0.0025	< 0.002
	5/14/2018	4.10	96	35	0.16	7.92	180	820	< 0.003	< 0.0010	0.079	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.043	0.562	0.0044	< 0.002
	8/7/2018	3.80	100	37	0.13	7.57	170	720	< 0.003	< 0.0010	0.078	<^ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.032	0.835	0.0052	< 0.002
	5/2/2019	3.70	100	39	0.13	6.86	160	700	< 0.003	< 0.0010	0.076	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.031	< 0.431	0.0035	< 0.002
	11/13/2019	2.50	130	53	0.15	7.51	140	740	NA	0.0014	0.1	NA	< 0.0005	NA	< 0.001	0.0006	< 0.01	< 0.0002	0.036	< 0.447	< 0.0025	< 0.002
	4/27/2020	2.30	100	43	0.17	6.87	110	570	NA	< 0.0010	0.077	NA	< 0.0005	NA	< 0.001	< 0.0005	< 0.01	< 0.0002	0.042	0.63	< 0.0025	< 0.002
	12/7/2020	3.30	74	34	0.19	7.30	F1 76	420	NA	< 0.0010	0.062	NA	< 0.0005	NA	< 0.001	< 0.0005	<^ 0.01	< 0.0002	0.053	< 0.509	< 0.0025	< 0.002
	5/10/2021	2.30	68	33	0.17	7.36	110	420	< 0.003	< 0.0010	0.06	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.01	< 0.0002	0.047	< 0.524	< 0.0025	< 0.002
	8/26/2021	2.10	85	32	0.11	7.12	130	320	< 0.003	< 0.0010	0.066	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.01	< 0.0002	0.028	< 0.543	< 0.0025	< 0.002
	12/1/2021	3.50	89	31	0.17	7.25	^- 120	620	< 0.003	< 0.0010	0.07	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.0038	< 0.0002	0.05	1.18	< 0.0025	< 0.002
	2/7/2022	3.90	77	34	0.17	7.18	140	600	< 0.003	< 0.0010	0.074	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.003	< 0.0002	0.043	0.881	< 0.0025	< 0.002
	6/6/2022	2.70	92	33	0.12	7.08	130	560	< 0.003	< 0.0010	0.082	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.03	< 0.419	< 0.0025	< 0.002
	8/30/2022	0.69	140	**200**	0.32	7.29	45	1100	< 0.003	0.0027	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.023	< 0.0002	0.0082	0.44	< 0.0025	< 0.002
	11/16/2022	4.30	80	34	0.22	7.27	160	580	< 0.003	< 0.0010	0.064	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.041	0.746	0.0029	< 0.002
	2/21/2023	3.90	70	33	0.14	7.79	170	680	< 0.003	< 0.0010	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.032	< 0.528	0.0033	< 0.002
	5/18/2023	3.80	78	31	0.13	7.26	150	580	< 0.003	< 0.0010	0.069	^+ ^1+ 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	0.01	< 0.0002	0.03	0.604	0.0035	< 0.002
	8/29/2023	3.00	80	32	0.18	7.16	120	610	< 0.002	< 0.0020	0.06	< 0.001	< 0.0002	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.026	0.756	< 0.005	< 0.001
	11/8/2023	3.70	80	32	0.16	7.34	180	610	< 0.003	< 0.0010	0.072	^1+ < 0.001	< 0.0005	< 0.005	< 0.0010	^1+ < 0.0005	< 0.01	< 0.0002	0.033	< 0.232	0.006	< 0.002
	2/19/2024	3.80	73	36	0.19	7.53	150	600	< 0.003	< 0.0010	0.067	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.026	< 0.494	0.0033	< 0.002
	6/17/2024	2.10	110	43	0.15	6.88	F1 130	710	< 0.003	< 0.0010	0.088	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	^1+ < 0.01	< 0.0002	0.022	1.18	< 0.0025	< 0.002
	9/13/2024	2.40	100	39	0.18	6.78	88	600	< 0.003	< 0.0010	0.081	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.027	< 0.618	0.0035	< 0.002
	11/20/2024	F1 3.10	79	28	0.22	7.26	130	560	0.003	< 0.0010	0.063	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.028	1.08	0.004	< 0.002
	1/7/2025 R	NA	NA	NA	NA	NA	NA	NA	< 0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/28/2025	3.20	79	33	0.18	7.33	120	530	< 0.003	< 0.0010	0.074	^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	< 0.010	< 0.00020	0.033	1.38	0.011	< 0.0020
MW-23 downgradient	9/12/2024	2.60	80	31	0.17	7.05	99	500	< 0.003	0.0022	0.17	< 0.001	< 0.0005	< 0.005	0.005	0.0014	< 0.01	< 0.0002	0.024	0.68	0.0033	< 0.002
MW-24 downgradient	4/24/2025	2.30	120	80	0.40	6.88	130	760	< 0.003	**0.023**	0.19	< 0.001	< 0.001	0.010	0.004	0.0065	0.011	< 0.0002	0.0078	1.48	< 0.0025	< 0.002
	5/22/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	**0.021**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes: All units are in mg/L, except whereas noted
NA - Not Analyzed
^+ - Continuing Calibration Verification is outsde acceptance limits, high biased.
B - Compound was found in the blank and sample
NSP - No Standard Provided
(CL) - Silty Clay Unit
F1 - MS and/or MSD Recovery outside of limits.
H - Sample was prepped or analyzed beyond the specified holding time.
NS - Not Sampled Due to Insufficient Water
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^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
DNYA - Data Not Yet Available

Table 6. Assessment Berm Fill/Soil CCR Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL

Parameter	Sample Name / Sample Depth / Date	MW-24 0'-12' 2/26/2025	B-5A-1 0'-10' 2/26/2025	B-5A-2 10'-20' 2/26/2025	B-7A-1 0'-15' 2/26/2025	B-7A-2 15'-30' 2/26/2025	B-1A 0'-10' 8/19/2024	B-1B 10'-20' 8/19/2024	B-1C 20'-30' 8/19/2024	B-2A 0'-10' 8/19/2024	B-2B 10'-20' 8/19/2024	B-2C 20'-30' 8/19/2024	B-3A 0'-10' 8/20/2024	B-3B 10'-20' 8/20/2024	B-3C 20'-30' 8/20/2024	B-3C 20'-30' 8/20/2024	B-4A 0'-10' 8/20/2024	B-4B 10'-20' 8/20/2024	B-4C 20'-30' 8/20/2024
Antimony		< F1 9.3	< 9	< 8.6	< 9.9	< 9.3	< 1.7	F1 < 2.0	< 1.7	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	F1 < 1.7	F1 < 1.7	< 1.9	< 1.8	< 1.8
Arsenic		5.2	< 4.5	5.1	< 4.9	< 4.7	3.4	3.4	3.3	3.2	3.0	5.6	4.8	3.3	3.2	3.2	3.9	4.7	6.5
Barium		F1 230	250	320	230	170	130	78	80	180	110	110	200	220	110	110	160	180	110
Beryllium		6.2	6.3	6.1	5.8	3.9	2.2	0.71	0.43	3.9	1.9	1.7	4.4	5.5	1.4	1.4	2.7	4.1	1.5
Boron		F1 260	280	260	240	190	95	29	8.9	180	99	59	210	250	F1 F2 57	F1 F2 57	120	180	49
Cadmium		< 0.93	< 0.9	0.86	0.99	0.93	0.25	0.22	< 0.17	0.26	0.41	0.63	0.52	0.30	0.28	0.28	0.21	0.24	0.54
Chloride		< 18	46	64	24	31	200	49	160	130	150	48	< 18	< 20	73	73	F1 F2 < 19	< 19	120
Chromium		F2 160	140	250	100	63	57	F1 F2 19	12	92	45	32	110	340	F1 22	F1 22	61	150	36
Cobalt		20	19	18	14	13	10	6.6	5.4	16	6.3	7.3	18	23	7.1	7.1	13	15	8.3
Calcium		26,000	28,000	31,000	26,000	28,000	15,000	14,000	6,700	25,000	14,000	16,000	33,000	31,000	17,000	17,000	19,000	45,000	14,000
Fluoride		< 0.99	1.5	2.2	< 1	< 1	3.9	6.7	6.0	3.7	4.0	5.5	3.8	2.7	4.4	4.4	4.4	7.9	3.8
Lithium		20	26	23	21	21	13	6.0	6.3	19	8.5	8.2	21	21	8.1	8.1	14	15	9.5
Lead		F1 5.7	5.8	7	4.3	5.3	9.2	8.6	9.4	11	6.5	10	12	13	10	10	12	9.8	12
Molybdenum		13	14	14	11.0	7.9	3.7	1.4	< 0.87	8.6	7.4	2.2	11	9.4	2.1	2.1	4.0	7.2	2.2
Mercury		0.22	0.023	0.018	< 0.016	0.029	< 0.015	< 0.016	0.017	< 0.016	< 0.015	0.016	0.030	0.031	0.32	0.32	0.020	0.025	0.030
Selenium		< F1 0.93	< 0.9	< 0.86	< 0.99	< 0.93	< 0.85	< 0.98	< 0.87	< 0.84	< 0.91	< 0.86	< 0.90	< 0.92	F1 0.87	F1 0.87	< 0.93	< 0.88	1.1
Sulfate		160	200	190	38	30	21	< 9.9	< 9.9	31	260	41	340	840	85	85	61	57	150
Thallium		4.9	< 4.5	< 4.30	< 4.9	< 4.7	0.90	1.0	0.98	< 0.84	< 0.91	1.4	< 0.90	< 0.92	1.6	1.6	< 0.93	< 0.88	1.9
Radium-226		1.29	NA	NA	NA	NA	0.776	0.667	0.700	2.01	2.05	1.34	2.02	1.34	0.899	0.899	0.635	1.24	1.08
Radium-228		1.36	NA	NA	NA	NA	0.519	< 0.490	< 0.607	< 0.697	0.952	< 0.612	0.590	0.597	0.498	0.498	< 0.492	0.861	< 0.544
Combined Radium 226 + 228		2.65	NA	NA	NA	NA	1.29	1.12	0.909	2.29	3.01	1.66	2.61	1.93	1.40	1.40	0.977	2.10	1.48
Percent Solids (%)		92	92.9	94.6	96.2	90.5	91.8	89.5	77.4	92.4	90.3	74.7	95.4	93.9	75.8	75.8	87.2	88.4	77.4

Parameter	Sample Name / Sample Depth / Date	B-5A 0'-10' 8/20/2024	B-5B 10'-20' 8/20/2024	B-5C 20'-30' 8/20/2024	B-6A 0'-10' 8/19/2024	B-6B 10'-20' 8/19/2024	B-6C 20'-30' 8/19/2024	B-7A 0'-10' 8/19/2024	B-7B 10'-20' 8/19/2024	B-7C 20'-30' 8/19/2024	B-8A 0'-10' 8/20/2024	B-8B 10'-20' 8/20/2024	B-8C 20'-30' 8/20/2024	B-9A 0'-10' 8/20/2024	B-9B 10'-20' 8/20/2024	B-9C 20'-30' 8/20/2024	B-10A 0'-10' 8/20/2024	B-10B 10'-20' 8/20/2024
Antimony		< 1.9	< 1.8	< 1.9	< 1.9	< 1.9	< 1.7	< 2.0	< 2.0	< 2.0	< 1.9	< 1.8	< 1.7	< 1.9	< 1.8	< 2.0	< 1.8	< 1.9
Arsenic		3.4	3.4	3.9	2.9	2.5	3.1	2.3	3.1	3.0	3.5	4.5	2.9	6.4	3.9	2.9	2.2	2.4
Barium		210	220	180	200	170	170	170	190	190	140	96	15	140	38	13	12	8.9
Beryllium		3.8	4.8	3.9	3.8	3.1	3.1	3.5	3.7	3.6	2.7	0.76	< 0.35	0.82	< 0.37	< 0.40	< 0.35	< 0.37
Boron		170	220	190	180	170	140	150	160	170	130	24	4.7	13	< 4.6	< 5.0	< 4.4	< 4.7
Cadmium		0.27	0.34	0.40	0.25	0.30	0.23	< 0.20	0.25	0.28	0.36	0.19	0.32	0.39	0.21	0.24	0.48	0.35
Chloride		70	28	88	51	51	50	< 18	50	78	140	40	< 17	< 20	23	< 19	< 20	< 20
Chromium		92	130	90	91	79	79	93	91	84	52	21	7.8	21	11	9.3	6.2	6.0
Cobalt		15	19	15	15	12	13	13	15	14	12	8.7	5.8	8.9	6.2	6.4	3.8	4.2
Calcium		26,000	28,000	28,000	25,000	22,000	21,000	22,000	24,000	23,000	48,000	7,200	79,000	13,000	13,000	76,000	25,000	25,000
Fluoride		4.4	4.4	5.4	3.1	3.4	5.1	2.8	1.5	1.6	5.6	4.2	3.1	6.7	3.3	2.6	3.0	2.3
Lithium		19	23	20	19	16	15	15	17	18	20	8.1	5.0	11	5.3	4.2	2.6	3.4
Lead		11	13	12	9.9	8.2	9.5	7.9	9.4	9.7	21	11	4.6	19	7.6	3.4	4.2	4.6
Molybdenum		6.1	8.3	7.0	5.4	6.2	5.5	5.5	6.2	8.4	3.9	1.5	< 0.87	1.3	< 0.91	1.1	< 0.88	< 0.93
Mercury		< 0.015	0.046	0.034	< 0.016	0.017	0.020	F1 F2 < 0.015	< 0.016	< 0.016	< 0.016	0.015	< 0.015	0.068	0.020	< 0.016	< 0.015	< 0.015
Selenium		< 0.94	< 0.90	< 0.97	< 0.93	< 0.94	< 0.85	< 0.98	< 0.99	< 0.99	< 0.97	< 0.88	< 0.87	< 0.95	< 0.91	< 0.99	< 0.88	< 0.93
Sulfate		35	340	120	36	95	58	190	65	62	99	130	15	F1 52	53	< 10	< 10	< 10
Thallium		< 0.94	< 0.90	< 0.97	< 0.93	< 0.94	< 0.85	< 0.98	< 0.99	< 0.99	< 0.97	2.8	2.1	1.7	1.4	1.6	< 0.88	< 0.93
Radium-226		1.48	1.52	0.533	1.77	2.08	1.43	1.95	1.41	1.68	1.61	0.937	0.507	0.634	0.544	0.372	0.541	0.477
Radium-228		0.688	0.937	< 0.574	1.24	0.645	< 0.670	0.570	0.995	0.709	0.777	< 0.472	< 0.687	0.917	< 0.570	< 0.629	< 0.579	< 0.653
Combined Radium 226 + 228		2.17	2.45	< 0.574	3.02	2.73	1.85	2.52	2.40	2.39	2.39	1.22	0.739	1.55	1.10	< 0.629	0.795	0.669
Percent Solids (%)		93.4	94.7	67.4	93.4	93	82	96.1	92	75.1	91.4	86.3	92.7	84.6	90.0	94.1	96.0	97.1

Notes:
mg/kg - millgrams per kilogram (all units are reported in mg/kg except where noted)
(s.u.) - Standard Units
F1 - MS and/or MSD recovery exceeds control limits
F2 - MS/MSD RPD exceeds control limits
H - Sample was prepped or analyzed beyond the specified holding time
NA - Not Analyzed
DNYA - Data Not Yet Available

Table 7. Assessment Berm Fill/Soil SPLP Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL

Sample Name	MW-24	B-5A-1	B-5A-2	B-7A-1	B-7A-2
Sample Depth	0'-12'	0'-10'	10'-20'	0'-15'	15'-30'
Parameter / Date	2/26/2025	2/26/2025	2/26/2025	2/26/2025	2/26/2025
Antimony, SPLP	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Arsenic, SPLP	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Barium, SPLP	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Beryllium, SPLP	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Boron, SPLP	< 0.1	0.11	< 0.1	< 0.1	< 0.1
Cadmium, SPLP	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01
Chromium, SPLP	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Cobalt, SPLP	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Calcium, SPLP	8	15	13	11	12
Lithium, SPLP	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Lead, SPLP	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum, SPLP	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
Mercury, SPLP	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Selenium, SPLP	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium, SPLP	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes: mg/kg - millgrams per kilogram (all units are reported in mg/kg except where noted)

SPLP - Test Method SW-846 6010D: Synthetic Precipitation Leaching Procedure

Table 8. Assessment Surface Water and Pore Water Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL.

Sample Location	Date	Boron	Calcium	Chloride	Fluoride	pH (standard units)	Sulfate	Total Dissolved Solids	Antimony	Arsenic[D]	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 (pCi/L)	Selenium	Thallium
General Use Water Quality Standards[1]		7.6[CS]	**	500	4[CS]	6.5-9.0	500	**	**	0.19[CS]	5.0	**	**	0.011[CS]	NSP	**	NSP	0.0011[CS]	NSP	3.75	1.00	NSP
IC-2	2/25/2025	2.20	79	77	0.24	7.70	140	600	< 0.003	< 0.001	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.009	< 0.321	0.0033	< 0.002
IC-3	2/25/2025	2.50	82	78	0.25	7.90	150	610	< 0.003	< 0.0010	0.057	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.0005	< 0.01	< 0.0002	0.010	< 0.466	0.0039	< 0.002
IC-4	2/25/2025	2.20	82	80	0.25	7.90	140	600	< 0.003	< 0.0010	0.058	< 0.001	< 0.0005	< 0.005	< 0.001	0.0005	< 0.01	< 0.0002	0.009	< 0.385	0.0042	< 0.002
GWPS[2]		4.70	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.01	2.0	0.004	0.005	0.1	0.006	0.008	0.04	0.002	0.10	5	0.05	0.002
PW-1	2/25/2025	1.70	55	55	0.19	7.80	94	390	< 0.003	< 0.0010	0.046	< 0.001	< 0.0005	< 0.005	< 0.001	0.00089	< 0.01	< 0.0002	0.011	< 0.471	< 0.0025	< 0.002
PW-2	2/25/2025	1.60	63	54	0.18	7.70	92	370	< 0.003	0.0022	0.071	< 0.001	< 0.0005	0.007	0.0015	0.0041	< 0.01	< 0.0002	0.011	< 0.289	0.0035	< 0.002

Notes: All units are in mg/L, except whereas noted

NA - Not Analyzed

NSP - No Standard Provided

DNYA - Data Not Yet Available

NSP - No Standard Provided

IC - Intake Channel Surface Water Sample (collected six inches above total depth)

PW - Intake Channel Pore Water Sample (collected along Intake Channel at the soil-water interface)

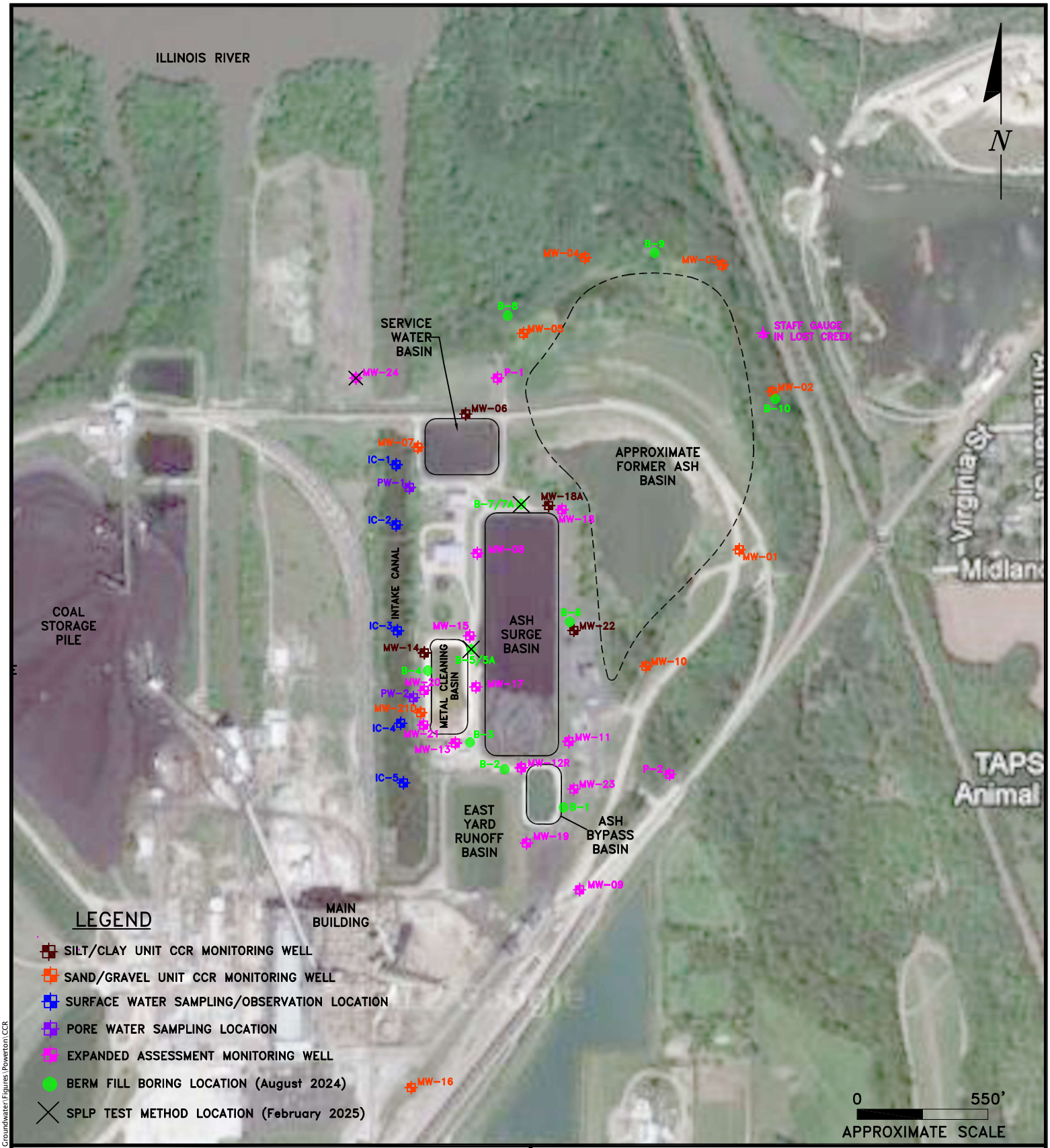
[1] - 35 IAC 303.201 (B)

[2] - Initial Groundwater Protection Standards established under Operating Permit Special Conditions #21 and #22

[CS] - Chronic Standard

[H] - Numeric Standard for Chemical Constituent is calculated acoording to 35 IAC 302.208 (e)

FIGURES



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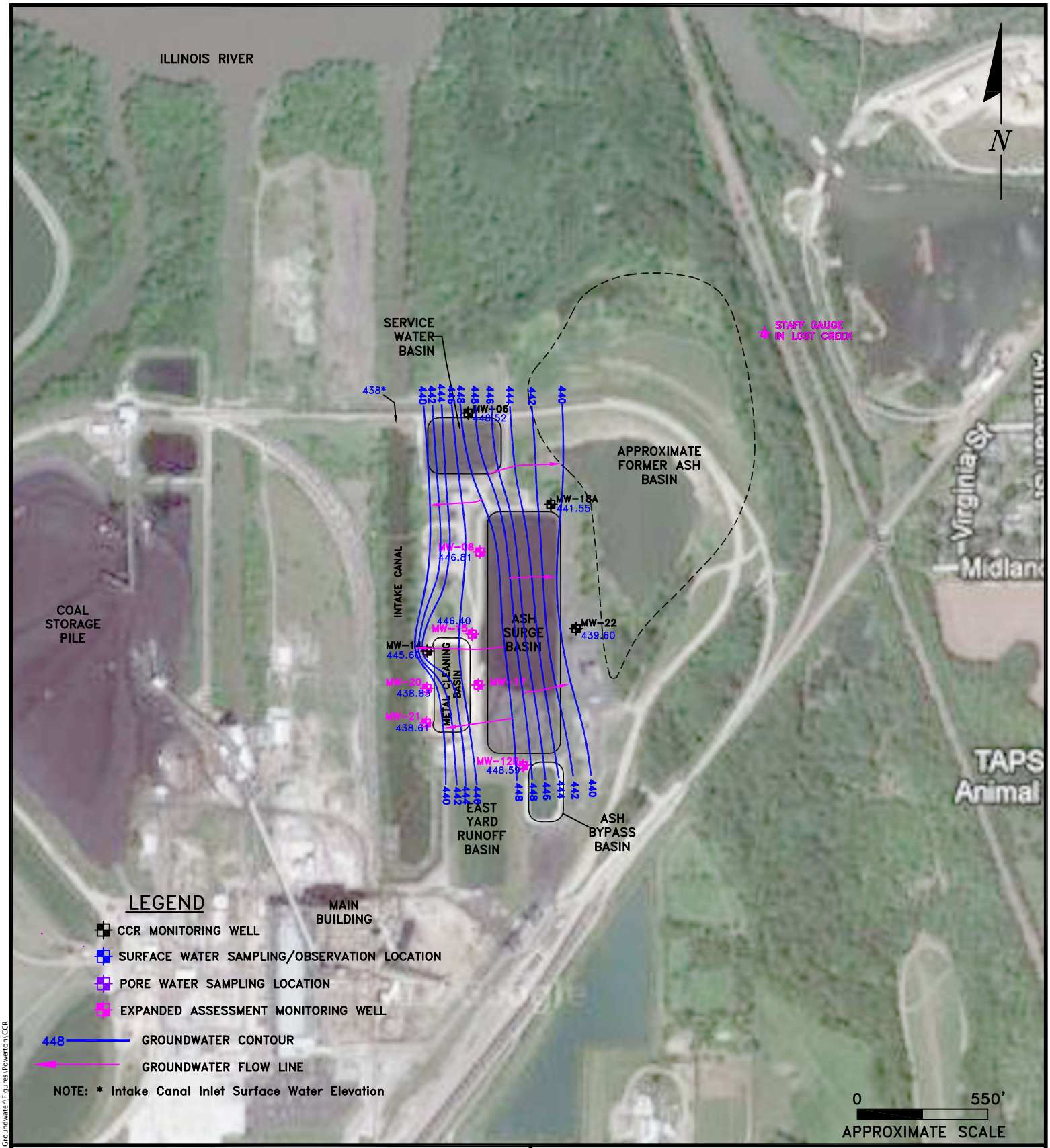
SITE FEATURES MAP
NATURE AND EXTENT OF IMPACTS EVALUATION

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 1



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POTENTIOMETRIC SURFACE MAP
SILT/CLAY UNIT 04/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 2

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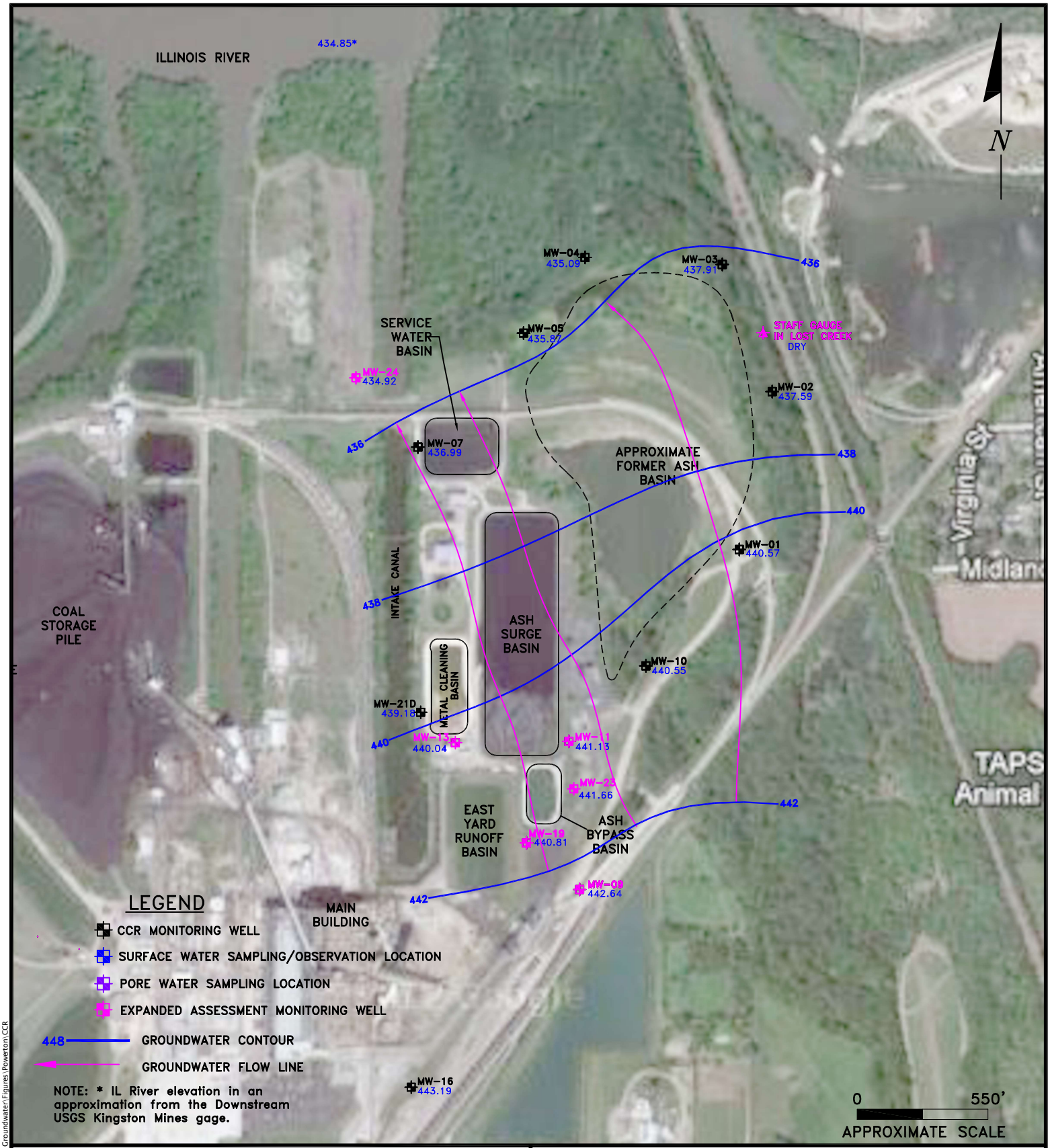

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POTENTIOMETRIC SURFACE MAP
SAND/GRAVEL UNIT 04/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 3

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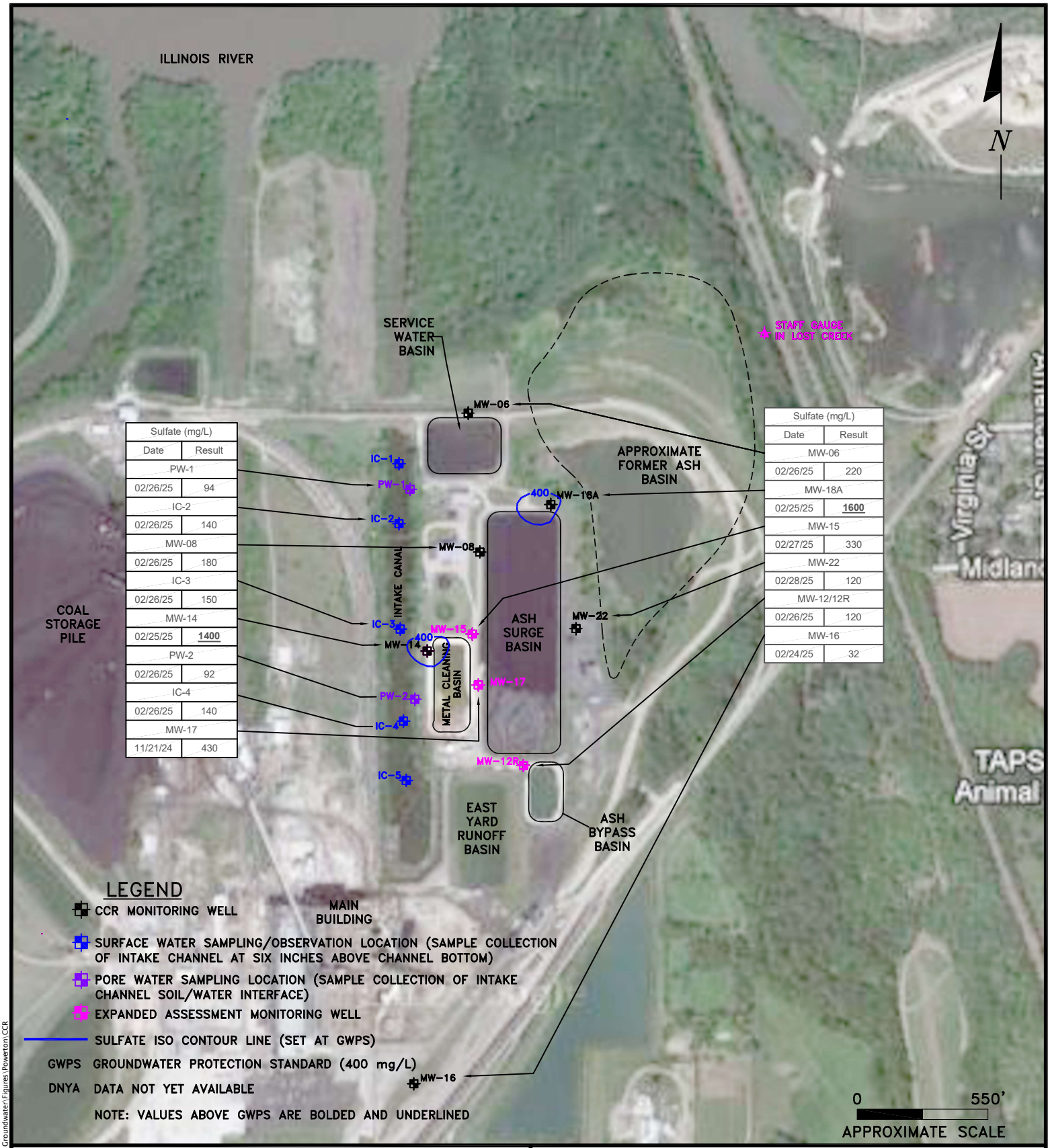

Sulfate (mg/L)	
Date	Result
PW-1	
02/26/25	94
IC-2	
02/26/25	140
MW-08	
02/26/25	180
IC-3	
02/26/25	150
MW-14	
02/25/25	**1400**
PW-2	
02/26/25	92
IC-4	
02/26/25	140
MW-17	
11/21/24	430

Sulfate (mg/L)	
Date	Result
MW-06	
02/26/25	220
MW-18A	
02/25/25	**1600**
MW-15	
02/27/25	330
MW-22	
02/28/25	120
MW-12/12R	
02/26/25	120
MW-16	
02/24/25	32

LEGEND

- CCR MONITORING WELL
- SURFACE WATER SAMPLING/OBSERVATION LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL AT SIX INCHES ABOVE CHANNEL BOTTOM)
- PORE WATER SAMPLING LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL SOIL/WATER INTERFACE)
- EXPANDED ASSESSMENT MONITORING WELL
- SULFATE ISO CONTOUR LINE (SET AT GWPS)

GWPS GROUNDWATER PROTECTION STANDARD (400 mg/L)

DNYA DATA NOT YET AVAILABLE

NOTE: VALUES ABOVE GWPS ARE BOLDED AND UNDERLINED

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SULFATE IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SILT/CLAY UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 4

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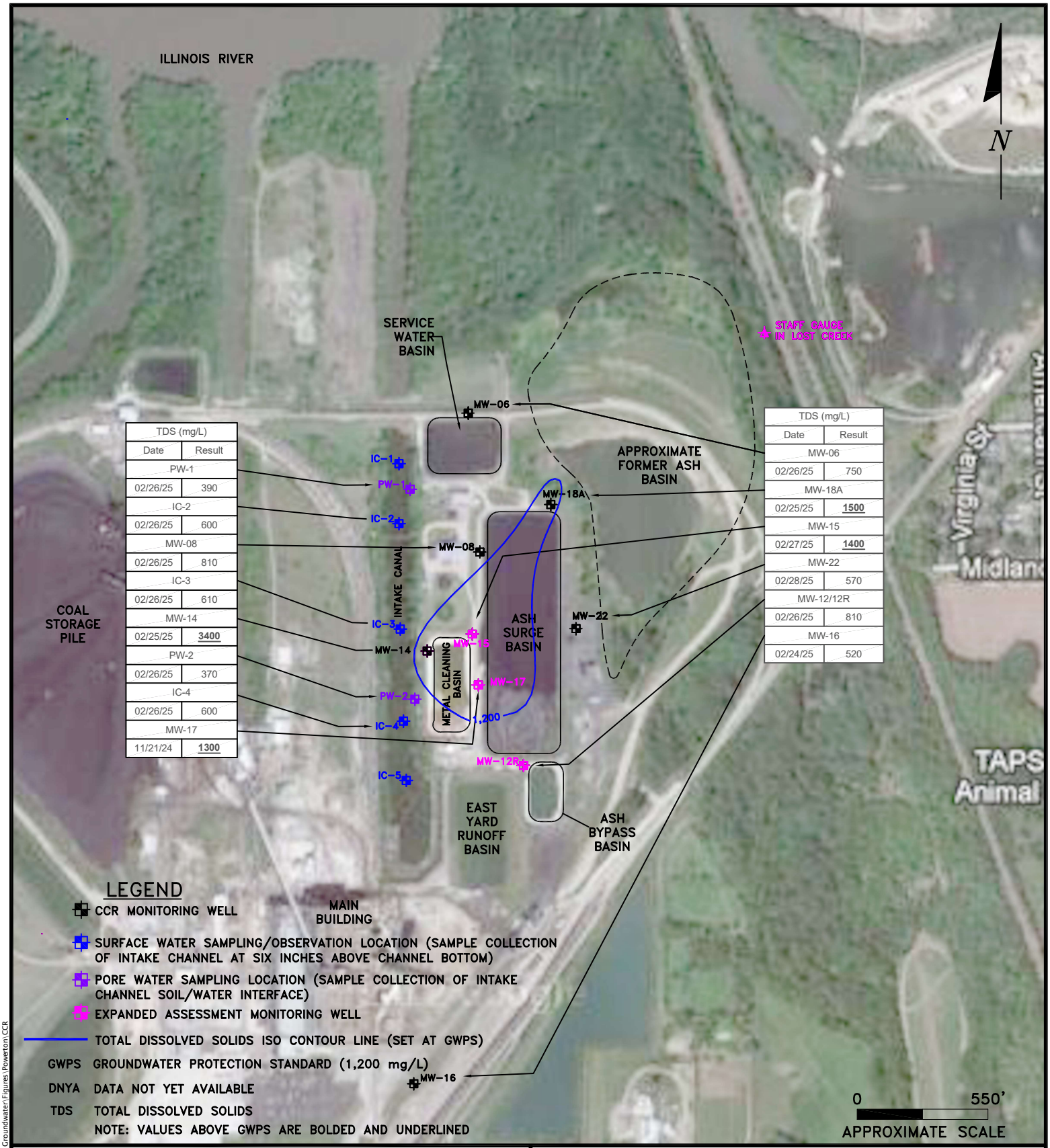

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TOTAL DISSOLVED SOLIDS IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SILT/CLAY UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 5

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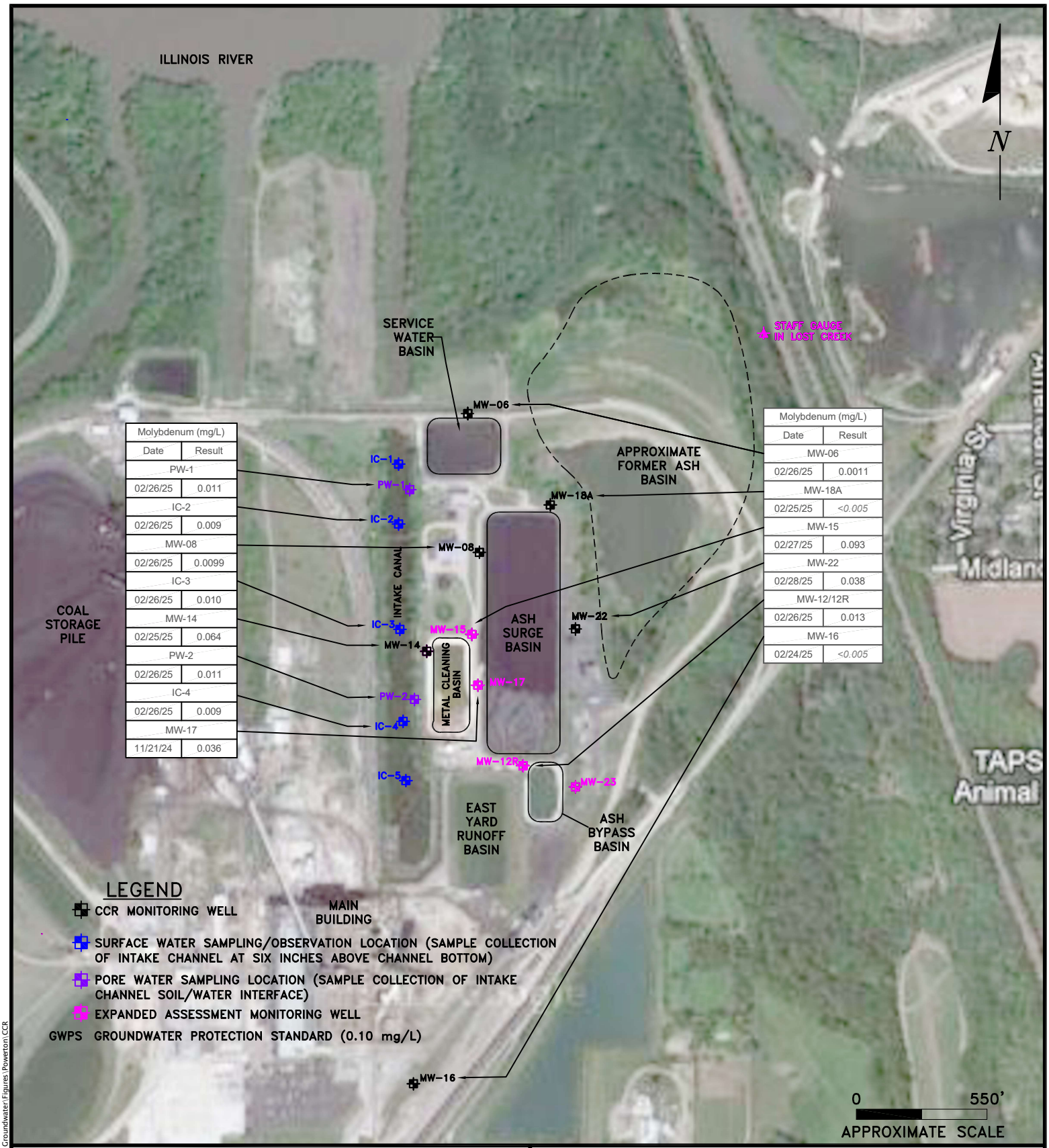

Molybdenum (mg/L)	
Date	Result
PW-1	
02/26/25	0.011
IC-2	
02/26/25	0.009
MW-08	
02/26/25	0.0099
IC-3	
02/26/25	0.010
MW-14	
02/25/25	0.064
PW-2	
02/26/25	0.011
IC-4	
02/26/25	0.009
MW-17	
11/21/24	0.036

Molybdenum (mg/L)	
Date	Result
MW-06	
02/26/25	0.0011
MW-18A	
02/25/25	<0.005
MW-15	
02/27/25	0.093
MW-22	
02/28/25	0.038
MW-12/12R	
02/26/25	0.013
MW-16	
02/24/25	<0.005

LEGEND

- CCR MONITORING WELL
- SURFACE WATER SAMPLING/OBSERVATION LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL AT SIX INCHES ABOVE CHANNEL BOTTOM)
- PORE WATER SAMPLING LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL SOIL/WATER INTERFACE)
- EXPANDED ASSESSMENT MONITORING WELL

GWPS GROUNDWATER PROTECTION STANDARD (0.10 mg/L)

ENVIRONMENTAL CONSULTATION & REMEDIATION

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MOLYBDENUM IMPACTS BOX-PLOT MAP
SILT/CLAY UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 6

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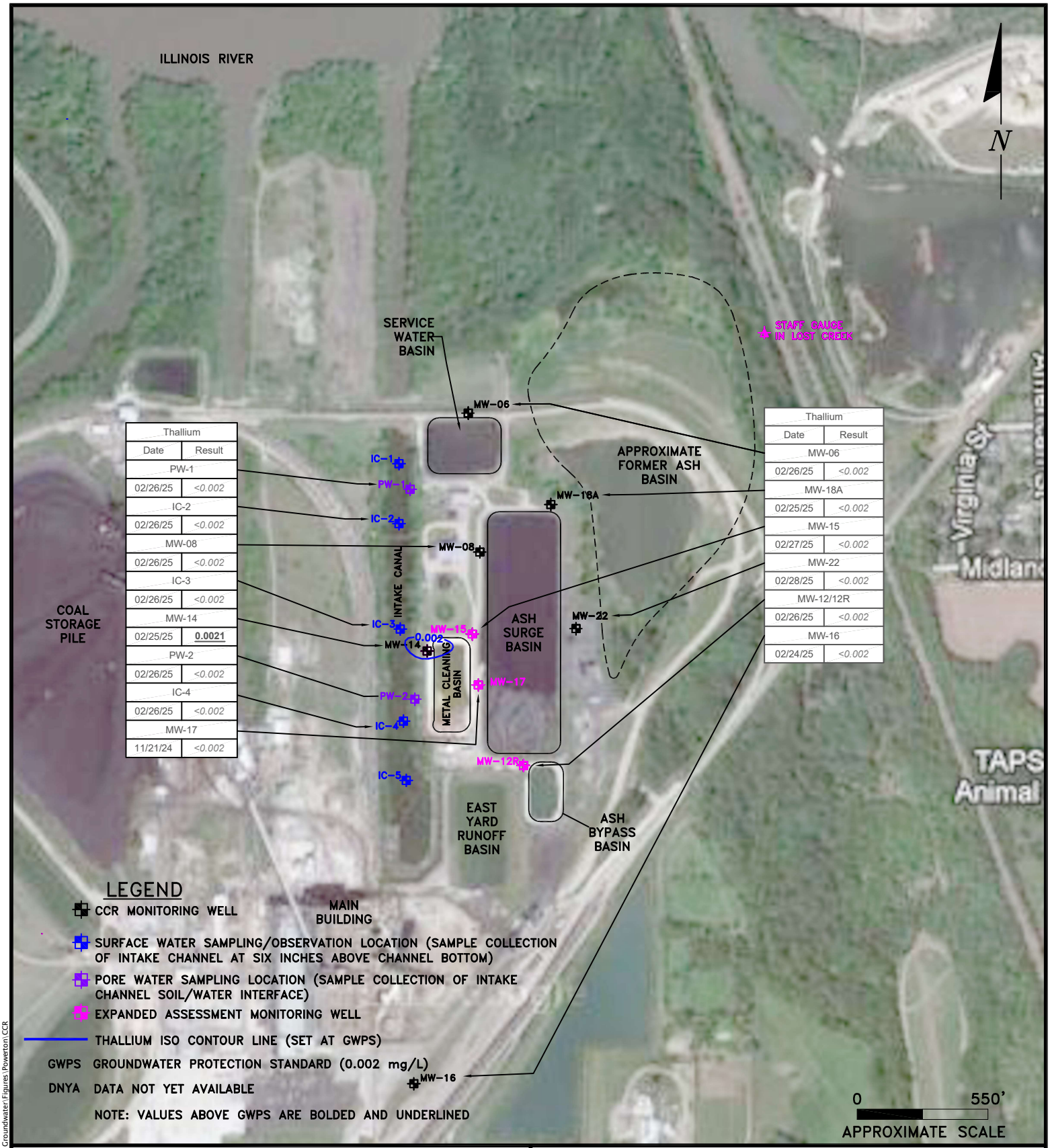

Thallium	
Date	Result
PW-1	
02/26/25	<0.002
IC-2	
02/26/25	<0.002
MW-08	
02/26/25	<0.002
IC-3	
02/26/25	<0.002
MW-14	
02/25/25	**0.0021**
PW-2	
02/26/25	<0.002
IC-4	
02/26/25	<0.002
MW-17	
11/21/24	<0.002

Thallium	
Date	Result
MW-06	
02/26/25	<0.002
MW-18A	
02/25/25	<0.002
MW-15	
02/27/25	<0.002
MW-22	
02/28/25	<0.002
MW-12/12R	
02/26/25	<0.002
MW-16	
02/24/25	<0.002

LEGEND

- CCR MONITORING WELL
- SURFACE WATER SAMPLING/OBSERVATION LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL AT SIX INCHES ABOVE CHANNEL BOTTOM)
- PORE WATER SAMPLING LOCATION (SAMPLE COLLECTION OF INTAKE CHANNEL SOIL/WATER INTERFACE)
- EXPANDED ASSESSMENT MONITORING WELL
- THALLIUM ISO CONTOUR LINE (SET AT GWPS)

GWPS GROUNDWATER PROTECTION STANDARD (0.002 mg/L)

DNYA DATA NOT YET AVAILABLE

NOTE: VALUES ABOVE GWPS ARE BOLDED AND UNDERLINED

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THALLIUM IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SILT/CLAY UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 7

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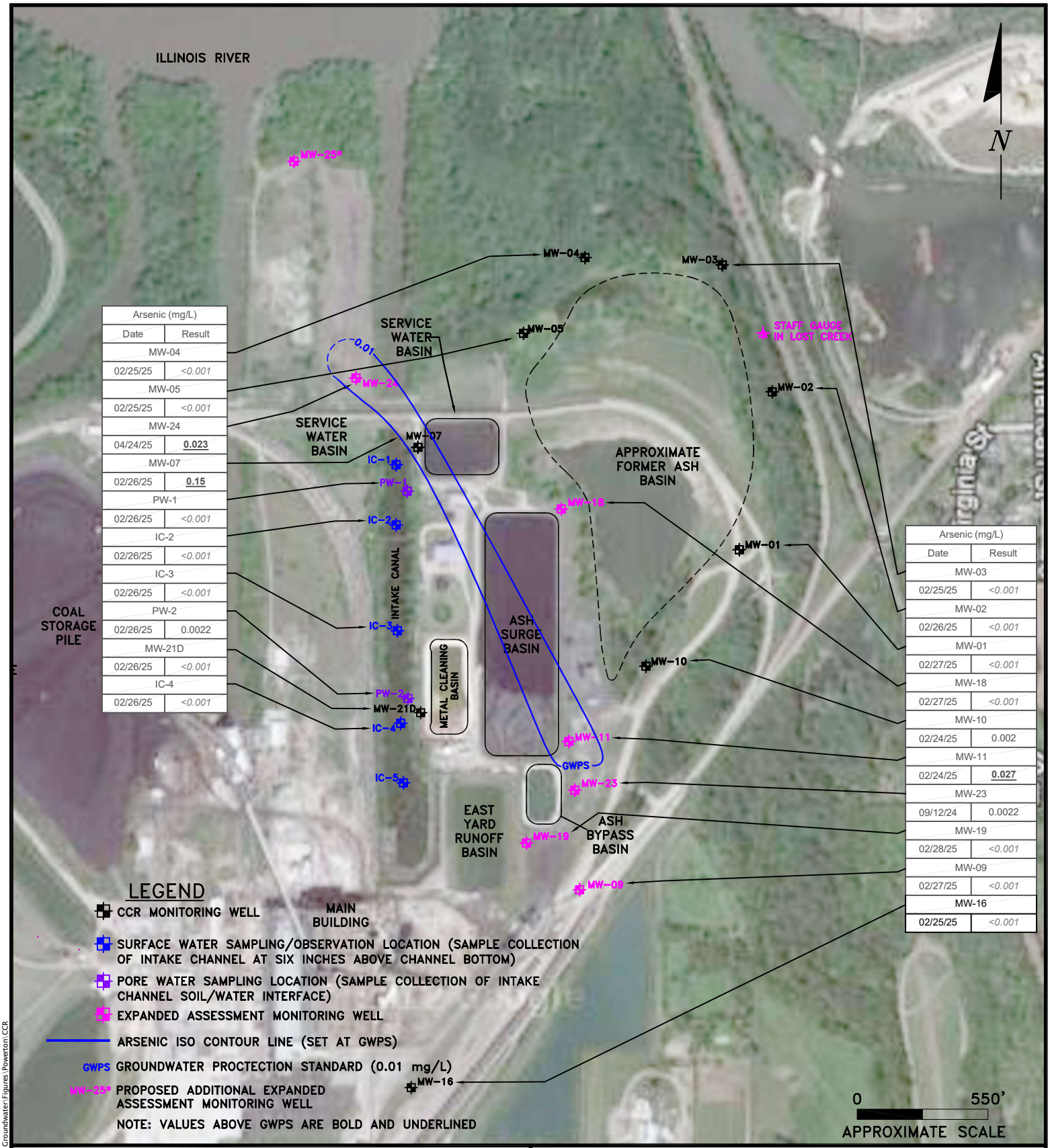

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ARSENIC IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SAND/GRAVEL UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 8

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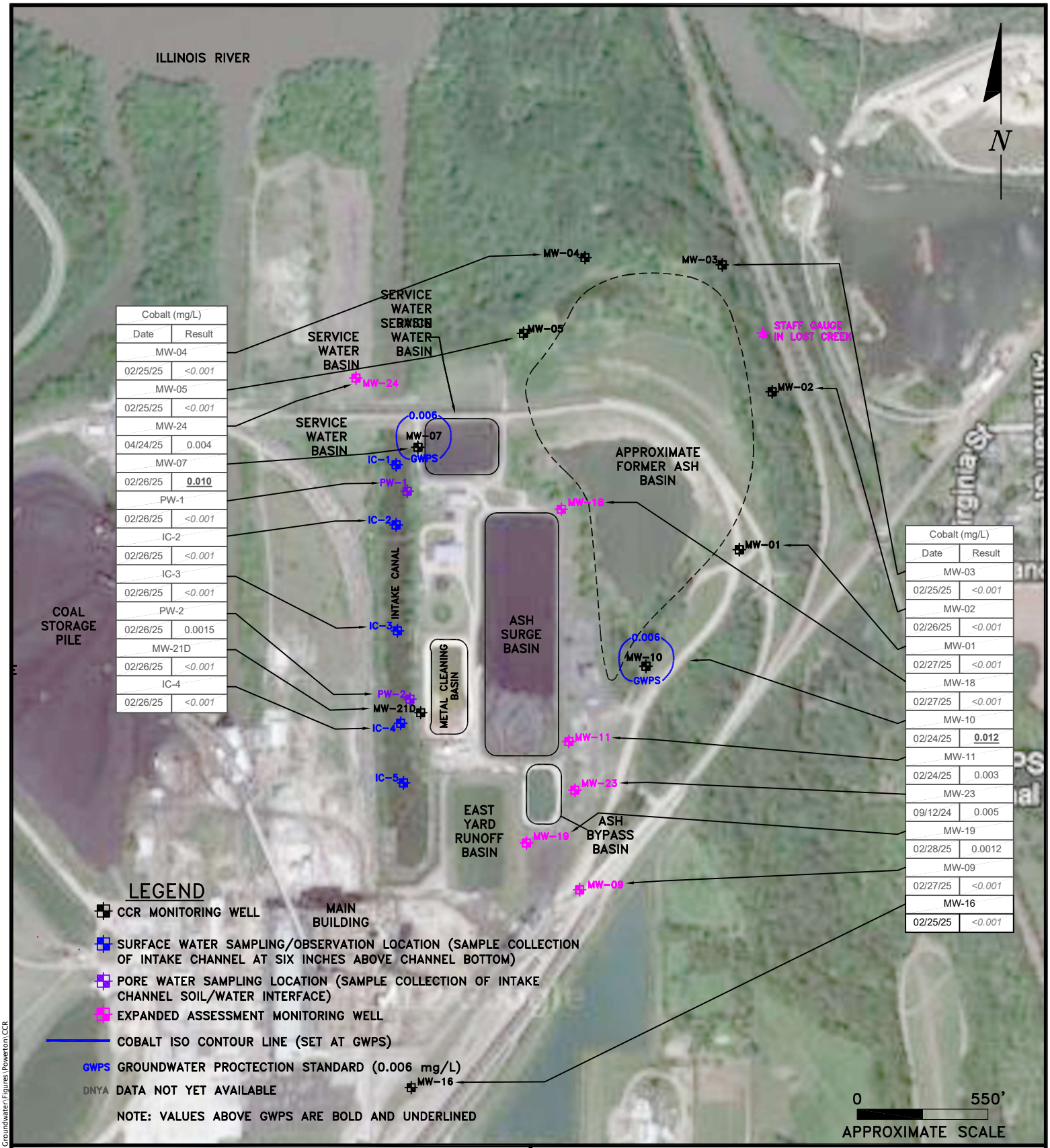

Cobalt (mg/L)	
Date	Result
MW-04	
02/25/25	<0.001
MW-05	
02/25/25	<0.001
MW-24	
04/24/25	0.004
MW-07	
02/26/25	**0.010**
PW-1	
02/26/25	<0.001
IC-2	
02/26/25	<0.001
IC-3	
02/26/25	<0.001
PW-2	
02/26/25	0.0015
MW-21D	
02/26/25	<0.001
IC-4	
02/26/25	<0.001

Cobalt (mg/L)	
Date	Result
MW-03	
02/25/25	<0.001
MW-02	
02/26/25	<0.001
MW-01	
02/27/25	<0.001
MW-18	
02/27/25	<0.001
MW-10	
02/24/25	**0.012**
MW-11	
02/24/25	0.003
MW-23	
09/12/24	0.005
MW-19	
02/28/25	0.0012
MW-09	
02/27/25	<0.001
MW-16	
02/25/25	<0.001

ENVIRONMENTAL CONSULTATION & REMEDIATION

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COBALT IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SAND/GRAVEL UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 2, 2025

KPRG Project No. 10125 | Figure 9

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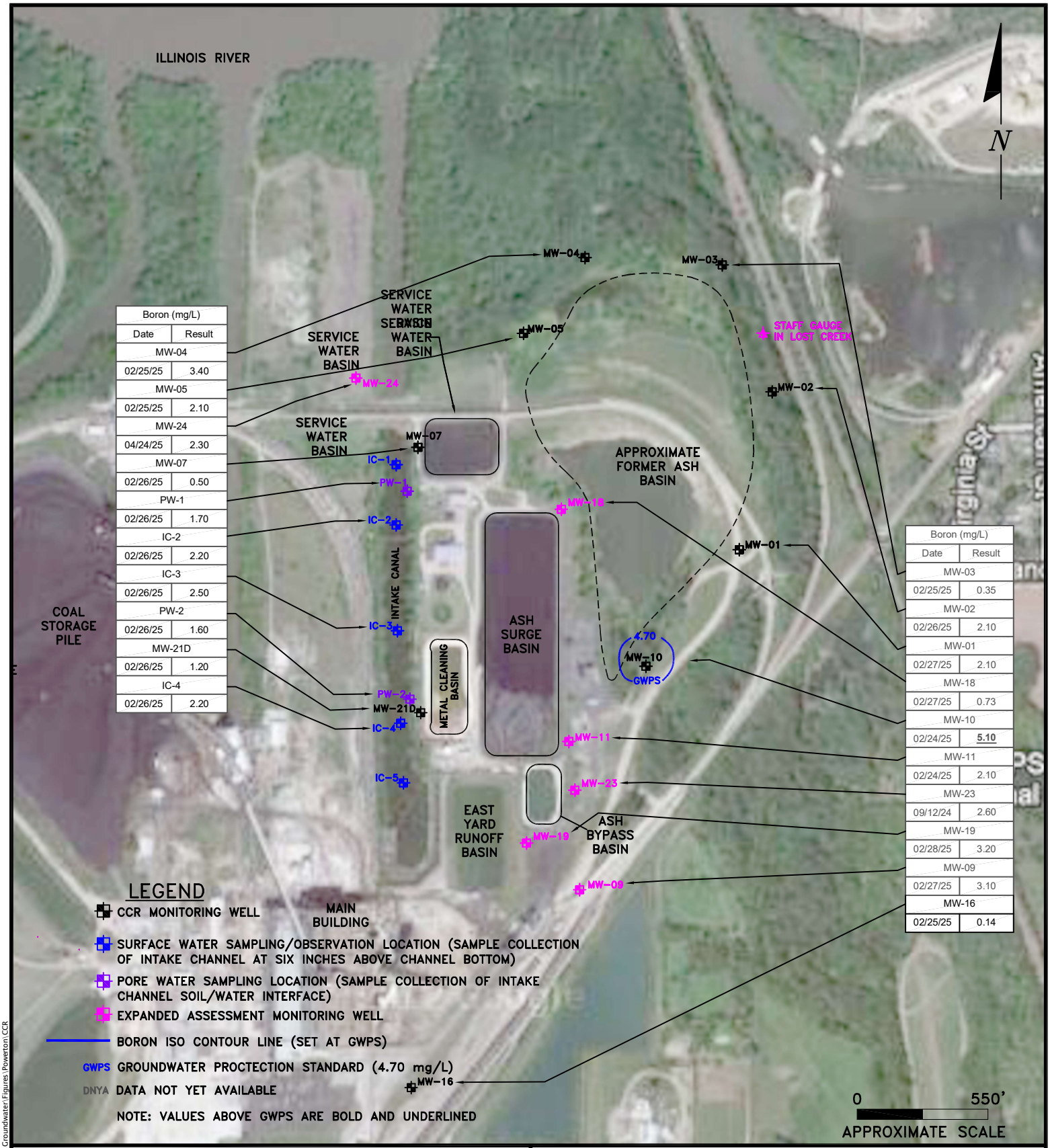

Boron (mg/L)	
Date	Result
MW-04	
02/25/25	3.40
MW-05	
02/25/25	2.10
MW-24	
04/24/25	2.30
MW-07	
02/26/25	0.50
PW-1	
02/26/25	1.70
IC-2	
02/26/25	2.20
IC-3	
02/26/25	2.50
PW-2	
02/26/25	1.60
MW-21D	
02/26/25	1.20
IC-4	
02/26/25	2.20

Boron (mg/L)	
Date	Result
MW-03	
02/25/25	0.35
MW-02	
02/26/25	2.10
MW-01	
02/27/25	2.10
MW-18	
02/27/25	0.73
MW-10	
02/24/25	**5.10**
MW-11	
02/24/25	2.10
MW-23	
09/12/24	2.60
MW-19	
02/28/25	3.20
MW-09	
02/27/25	3.10
MW-16	
02/25/25	0.14

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BORON IMPACTS BOX-PLOT AND ISOCONCENTRATION CONTOUR MAP SAND/GRAVEL UNIT 02/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' | Date: June 5, 2025

KPRG Project No. 10125 | Figure 10

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APPENDIX A
Boring Logs, Well Construction Summaries and Survey Data

K P R G

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

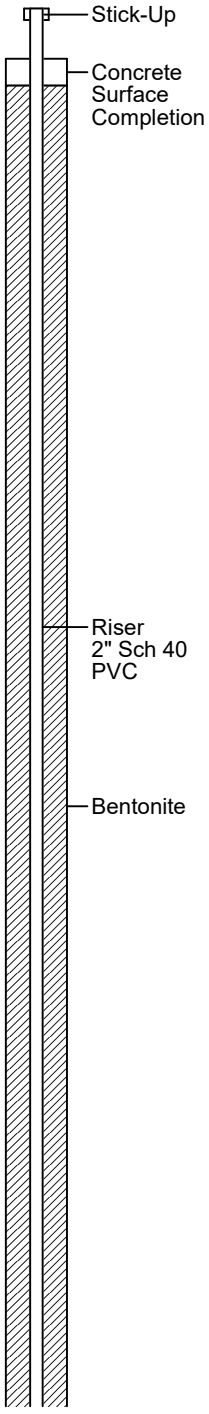
GEOLOGIC LOG OF MW-24

Date Started	: 02/26/2025
Date Well Set	: 02/26/2025
Drilling Company	: Cabeno Env. Services
Driller Name	: Cody Wright
Drill Rig	: Geoprobe
Drill Tools	: 8 1/4 HSA

Total Boring Depth	: 45.0 feet
Well Bottom Depth	: 45.0 feet
Surface Elev.	: 457.83 feet above MSL
TOC Elev.	: 460.80 feet above MSL
Groundwater Elev.	: 428.50 feet above MSL
Riser Material	: 2" Sch 40 PVC
Screen Material	: 2" Sch 40 PVC, 0.010 slot
Coordinate N	: 1413697.663
Coordinate E	: 2432107.317
Logged By	: Kaelyn Sperle (KPRG)

Depth in Feet	Surf. Elev. 457.83	DESCRIPTION	Description	% Recovery
0		SAND (dark brown to black, well-graded, medium to coarse, dry), some GRAVEL and SLAG (fine to coarse)	Fill	2.5/5.0
1	457			
2	456			
3	455			
4	454			
5	453			
6	452			2.5/5.0
7	451			
8	450			
9	449	- 1.0" seam GRAVEL and SLAG (black, fine to medium)		
10	448			
11	447			
12	446	LEAN CLAY (dark gray, dry to moist), trace GRAVEL (fine to medium), trace ORGANICS (shells and twigs)	Native	5.0/5.0
13	445			
14	444			
15	443			
16	442			
17	441			5.0/5.0
18	440			
19	439	- 0.5" seam SAND (brown, well-graded, fine to medium)		
20	438			
21	437			
22	436			
23	435			5.0/5.0
24	434			
25	433			

Well Diagram:



06-02-2025 N:\Projects\1 - MWG Project Files\10125 - MWG Powerton CMS Hydrogeo Support\Graphics\Powerton MW-24.bor

K P R G

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

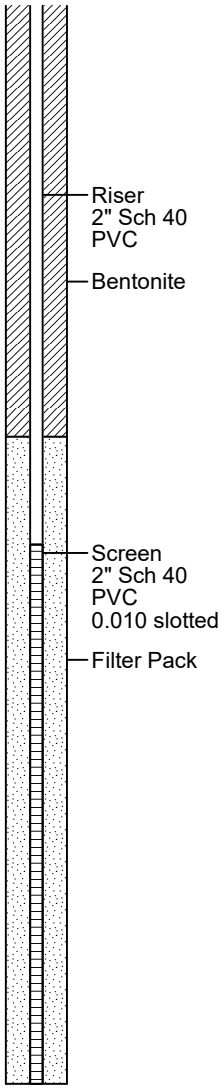
GEOLOGIC LOG OF MW-24

Date Started	: 02/26/2025
Date Well Set	: 02/26/2025
Drilling Company	: Cabeno Env. Services
Driller Name	: Cody Wright
Drill Rig	: Geoprobe
Drill Tools	: 8 1/4 HSA

Total Boring Depth	: 45.0 feet
Well Bottom Depth	: 45.0 feet
Surface Elev.	: 457.83 feet above MSL
TOC Elev.	: 460.80 feet above MSL
Groundwater Elev.	: 428.50 feet above MSL
Riser Material	: 2" Sch 40 PVC
Screen Material	: 2" Sch 40 PVC, 0.010 slot
Coordinate N	: 1413697.663
Coordinate E	: 2432107.317
Logged By	: Kaelyn Sperle (KPRG)

Depth in Feet	Surf. Elev. 457.83	DESCRIPTION	Description	% Recovery
25				
26	432			
27	431			
28	430			4.5/5.0
29	429	SILTY SAND (gray, fine to medium, wet, loose)		
30	428			
31	427	LEAN CLAY (dark gray, moist), trace GRAVEL		
32	426			
33	425	CLAYEY SAND (gray, moist), trace SILT		5.0/5.0
34	424	- 1.0" seam LEAN CLAY (gray)		
35	423	- 1.0" seam GRAVEL (greenish-gray, well-graded)	Native	
36	422			
37	421			
38	420	SAND (brown, well-graded, fine to medium, wet), some GRAVEL (well-graded, fine)		5.0/5.0
39	419			
40	418			
41	417			
42	416			
43	415			5.0/5.0
44	414			
45	413	End of Boring at 45.0 feet		
46	412			
47	411			
48	410			
49	409			
50	408			

Well Diagram:



06-02-2025 N:\Projects\1 - MWG Project Files\10125 - MWG Powerton CMS Hydrogeo Support\Graphics\Powerton MW-24.bor

MIDWEST GENERATION, LLC
POWERTON STATION-PEKIN, ILLINOIS
MONITORING WELL SURVEY

	NORTH	EAST	TOP OF LID	TOP OF CASE	TOP OF WELL	GROUND/ CONCRETE
MW-24	1413697.663	2432107.317	461.03	461.02	460.80	457.83

42” RCP CULVERT (NORTH SIDE) – INVERT ELEVATION = 431.65
TOP OF REBAR @ SOUTH SIDE NEAR RISER = 438.05 (TWG REFERENCE PT # 2030)

Horizontal: Illinois State Plane Coordinate System West Zone (NAD 83)
Vertical Datum: NAVD 88

Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600 • Fax: 815-744-0101
Remit to: 401 S. Carlton Avenue • Wheaton, IL 60187 | www.twigtechnologies.com

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GEOLOGIC LOG OF B-1

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Gray Concrete			
	FILL: Brown SAND, trace gravel, dry	3 / 5		
6	FILL: Brown SILTY CLAY, slightly moist	3 / 5		
10	- some gravel		FILL	
12		4 / 5		
14	FILL: Black GRAVEL, dry (Slag)			
	FILL: Black SILTY CLAY, slightly moist			
16	FILL: Black GRAVEL, dry (Slag)			
18		4 / 5		
20	Dark Gray SILTY CLAY, light gray mottling			

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GEOLOGIC LOG OF B-1

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20				
22	Brown and Gray CLAY, slightly moist	4 / 5	NATIVE	
24				
26	Brown and Gray CLAY, moist	5 / 5		
28				
30	Dark Gray SILTY CLAY, trace gravel, wet	5 / 5		
32				
34				
36	End of Boring at 35 feet.			
38				
40				

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GEOLOGIC LOG OF B-2

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Concrete			
	FILL: Brown and Gray GRAVEL and SAND, dry			
2	FILL: Brown SAND, trace gravel, dry			
	- gray sand seam	5 / 5		
4				
6	FILL: Black COARSE SAND, trace silt and gravel (Slag)			
		4 / 5		
8	- begin wet			
10	- 1" brown silt seam, slightly moist		FILL	
12		4 / 5		
14				
16	FILL: Black SILT, trace gravel, slightly moist			
		2 / 5		
18				
	FILL: Black COARSE SAND, slightly moist (Slag)			
20	- gray and brown silt seam			

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GEOLOGIC LOG OF B-2

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20	Brown and Gray SILT, wet	5 / 5	NATIVE	
22				
24				
26		5 / 5		
28				
30		5 / 5		
32				
34	Gray SILTY CLAY, trace gravel, moist			
	End of Boring at 35 feet			
36				
38				
40				

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GEOLOGIC LOG OF B-3

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: GRAVEL (Road)			
	FILL: Dark Brown SANDY SILT, trace gravel, dry			
2		3 / 5		
	- cobble (limestone)			
4	FILL: Black COARSE SAND, dry (Slag)			
6	- cobble (limestone)			
	- 1" light brown and orange sandy silt seam	4 / 5		
8	- trace gravel			
10			FILL	
12	- trace brown silty sand, dry	3 / 5		
14				
16				
18	- 3" brown and gray silt seam - begin moist	2 / 5		
20				

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GEOLOGIC LOG OF B-3

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20	Gray and Brown SILT, wet	2 / 5	NATIVE	
24	Dark Gray, CLAYEY SILT, some coarse sand, wet	1 / 5		
28	- trace gravel	2 / 5		
32				
34	Brown SILTY CLAY, trace gravel, stiff			
35	End of Boring at 35 feet			
36				
38				
40				

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GEOLOGIC LOG OF B-4

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth	: 35 feet
Date Drilled	: August 20, 2024
Drill Rig	: Geoprobe
Driller Name	: Nick
Drilling Company	: Cabeno Env. Services
Logged By	: J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Brown SAND and GRAVEL, dry			
	FILL: Black SAND, trace brown layers, dry			
2		4 / 5		
4	FILL: Brown CLAY, trace gravel and organics, dry			
	FILL: Light Brown SAND, trace gravel, dry			
6	- cobble (limestone)			
		4 / 5		
8	- trace clay			
10			FILL	
12		4 / 5		
14	FILL: Black GRAVEL, dry (Slag)			
16	- slightly moist - 1" gray silt seam			
18				
20				

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GEOLOGIC LOG OF B-4

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20	Brown and Gray SILT, moist	4 / 5	NATIVE	
22				
24				
26		3 / 5		
28	Gray SILTY CLAY, trace sand, stiff			
30	- 1" silt and gravel seam			
32		3 / 5		
34	Gray CLAY, trace gravel, stiff			
36	End of Boring at 35 feet			
38				
40				

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GEOLOGIC LOG OF B-5

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Concrete			
	FILL: Brown and Dark Gray SAND, trace gravel, dry	4.5 / 5	FILL	
6	FILL: Black COARSE SAND, trace gravel, dry (Slag)	5 / 5		
12		5 / 5		
14	FILL: Dark Brown SAND, trace silt, dry			
16				
18		3 / 5		
20				

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GEOLOGIC LOG OF B-5

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20			FILL	
22	Brownish Gray SILT, moist	4 / 5		
24				
26		0.5 / 5	NATIVE	
28				
30	Brown SILTY CLAY, trace gravel, trace organics, stiff			
32		2 / 5		
34				
36	End of Boring at 35 feet			
38				
40				

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GEOLOGIC LOG OF B-6

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Brown SAND and GRAVEL			
	FILL: Black COARSE SAND, trace gravel, dry (Slag)			
	-trace brown layering			
2		3 / 5		
4				
6	- trace clay			
8		5 / 5		
10			FILL	
12	- begin slightly moist	5 / 5		
14				
16	- cobble (limestone) - trace gravel			
18		4 / 5		
20				

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GEOLOGIC LOG OF B-6

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20				
22		2 / 5	FILL	
24	Brown-Gray CLAY, moist			
26				
28		4 / 5	NATIVE	
30	Dark Gray SILTY CLAY, wet			
	End of Boring at 30 feet			
32				
34				
36				
38				
40				

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GEOLOGIC LOG OF B-7

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Crushed concrete			
	FILL: Gray SAND and GRAVEL, dry			
2	FILL: Brown to Dark Brown SAND, dry	4 / 5		
	- trace clay			
4	FILL: Black COARSE SAND, some brown sand, dry (SLAG)			
6				
		4 / 5		
8				
10	- light gray sand layer - trace clay, begin slightly moist - trace organics (wood)		FILL	
12		5 / 5		
14				
16				
		5 / 5		
18				
	- begin wet - trace clay			
20				

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GEOLOGIC LOG OF B-7

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 35 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20				
22		5 / 5		
24			FILL	
26				
28		3 / 5		
30				
	Gray SILTY CLAY, trace sand, wet			
32		4 / 5	NATIVE	
34				
	End of Boring at 35 feet			
36				
38				
40				

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GEOLOGIC LOG OF B-8

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Light Brown and Gray SAND and GRAVEL, dry			
2	FILL: Dark Brown SAND, trace gravel, trace black gravel (Slag), dry	3 / 5		
4				
6		4 / 5		
8	FILL: Dark Brown CLAY and GRAVEL, dry			
10	FILL: Dark Brown SILT, some gravel, dry		FILL	
12		4 / 5		
14	- 3" light brown sand and gravel lense			
16	Dark Brown SILTY CLAY, trace gravel, trace organics, slightly moist			
18		3 / 5	NATIVE	
20	Brown SAND and GRAVEL, slightly moist			

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GEOLOGIC LOG OF B-8

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 19, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20				
22		3 / 5		
24			NATIVE	
26				
28	- begin wet	3 / 5		
30	End of Boring at 30 feet			
32				
34				
36				
38				
40				

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GEOLOGIC LOG OF B-9

(Page 1 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Brown CLAY, trace gravel, trace organics (shells)			
2		3 / 5		
4				
5	FILL: Brown SILT, trace gravel, dry			
6				
		1 / 5		
8	- 2" light brown silt			
10			FILL	
12		4 / 5		
14				
16	Light Tan SAND and GRAVEL, slightly moist			
		2 / 5	NATIVE	
18				
20				

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GEOLOGIC LOG OF B-9

(Page 2 of 2)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 30 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
20				
22		3 / 5		
24			NATIVE	
26	- begin wet			
28		2 / 5		
30	End of Boring at 30 feet			
32				
34				
36				
38				
40				

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GEOLOGIC LOG OF B-10

(Page 1 of 1)

Midwest Generation, LLC
Powerton Station
Pekin, Illinois

Project No. 17424.1

Total Boring Depth : 25 feet
Date Drilled : August 20, 2024

Drill Rig : Geoprobe
Driller Name : Nick
Drilling Company : Cabeno Env. Services

Logged By : J. Misner / K. Sperle

Depth in Feet	DESCRIPTION	Recovery (ft)	Formation	REMARKS
0	FILL: Brown CLAY, some gravel, slightly moist			
	FILL: Light Brown SAND, trace dark gray, dry			
2		5 / 5		
4				
6				
8		4 / 5		
	- 1/4" dark gray silt seam, dry			
10			FILL	
	- 1/4" dark gray gravel seam, dry			
12	- 1/2" dark gray gravel seam, dry	4 / 5		
14				
16				
18		2 / 5		
20				
22		0 / 5		
24				
26	End of Boring at 25 feet			

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APPENDIX B
Analytical Data Packages

eurofins | Environment Testing

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
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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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Chronicle 64
Certification Summary 73

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.

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

Date Collected: 02/24/25 00:00
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		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

Date Collected: 02/24/25 12:32
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		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

Date Collected: 02/24/25 13:51
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		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: KPRG and Associates, Inc.
Project/Site: Powerton CCR

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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: 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

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

Job ID: 500-264388-1

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

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

Job ID: 500-264388-1

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

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

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

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	

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

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

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

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	

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 Cl- E	

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	

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	

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

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

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

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	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	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

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

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

Lab Sample ID: LCSD 500-807950/33-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **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 — **Client Sample ID: MW-15**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807950**

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

Lab Sample ID: 500-264388-7 MSD — **Client Sample ID: MW-15**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **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 — **Client Sample ID: MW-15**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807950**

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

Lab Sample ID: MB 500-809827/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809827**

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

Lab Sample ID: 500-264388-17 MS — **Client Sample ID: MW-12R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809827**

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

Lab Sample ID: 500-264388-17 MSD — **Client Sample ID: MW-12R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **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

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	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	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

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

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

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

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

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		

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

Chain of Custody Record

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Client Information	Sampler: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 1
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 6
Company: KPRG and Associates, Inc.	PWSID:			Job #: 123131

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Analysis Requested	Preservation Codes: D - HNO3, N - None 500-264388
City: Brookfield	TAT Requested (days):		
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No		
Phone: 262-781-0475(Tel)	PO #: 4502160845		
Email: kaelyns@kprginc.com	WO #:		
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling	Project #: 50011612		
Site: Powerton Station	SSOW#:		Other:

500-264388 COC

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate									Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N										
~~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	N	N	X	X	X	X									7	
2 MW-10	2/24/25	1232	G	Water	N	N	X	X	X	X									7	
3 MW-11	2/24/25	1351	G	Water	N	N	X	X	X	X									7	

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	Date/Time	Company	Received by	Date/Time	Company
1	Jack Misner KPRG	2/24/25 1535	KPRG	FedEx	2/24/25 1535	FedEx
2	Relinquished by:	Date/Time	Company	Received by: Shri Lodh	2/25/25 1000	ERT
3	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
		0.5-0.2

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 1
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin: IL	Page: Page 1 of 4
Company: KPRG and Associates, Inc	PWSID:			Job #: 123173-1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D HNO3, N None 500-264388
City: Brookfield	TAT Requested (days): Standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Samplling	Project #: 50011612			
Site: Powerton Station	SSOW#:			Other:

500-264388 COC

Analysis Requested

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate										Total Number of containers	Special Instructions/Note.
Preservation Code:					X	X	D	D	N	N										X	
~~MW-01~~				Water																	
~~MW-02~~				Water																	
4 MW-03	2/25/25	1448	G	Water	N	N	x	x	x	x										7	
5 MW-04		1306		Water																	
6 MW-05		1208		Water																	
7 ~~MW-06~~ MW-15		0935		Water																	
8 ~~MW-07~~ MW-16		1043		Water																	
9 ~~MW-08~~ MW-22	2/25/25	0828	G	Water	N	N	x	x	x	x										7	
10 ~~MW-09~~ Duplicate 2				Water																	
~~MW-10~~				Water																	
~~MW-11~~				Water																	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Jack Misner	2/25/25 1645	KPRG	FedEx	2/25/25 1645	FedEx
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
			[illegible]	2/26/25 1010	EET
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: 5.8→5.7, 0.3→0.0

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 3
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:			Job #: 12313.1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			
City: Brookfield	TAT Requested (days): Standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Samplling	Project #: 50011612			
Site: Powerton Station	SSOW#:			

500-264388 COC

Analysis Requested

Preservation Codes: D HNO3; N None; Other

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~Duplicate 2~~				Water								
11 Duplicate 3	2/26/25	-	G	Water	N	N	X	X	X	X	4	
12 MW-08		1417		Water								
13 MW-06		1324		Water								
14 MW-07		1209		Water								
15 MW-02	2/26/25	~~0850~~	G	Water	N	N	X	X	X	X	4	MW-02 Sample Time 1020
16 MW-21D	2/26/25	0830	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	Date/Time	Company	Received by	Date/Time	Company
1	Jack Misner	2/26/25 1630	KPRG	Fed Ex	2/26/25 1630	Fed Ex
2		Date/Time	Company	Received by	Date/Time	Company
					2/27/25 0945	ECTA
3		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: 2.8-2.7/1.8-1.7

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 2
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et eurofinsus com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:			Job #: 12313.1

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Analysis Requested	Preservation Codes: D HNO3, N None 500-264388
City: Brookfield	TAT Requested (days): Standard		
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No		
Phone: 262-781-0475(Tel)	PO #: 4502160845		
Email: kaelyns@kprginc.com	WO #:		
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Samplling	Project #: 50011612		
Site: Powerton Station	SSOW#:		Other:

500-264388 COC

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	D	N	N	X	
17 MW-12R	2/27/25	1204	G	Water	N	N	X	X	X	X	4	
18 ~~MW-14~~ ~~MW-13~~ MW-09	2/27/25	1100	G	Water	N	N	X	X	X	X	4	
19 ~~MW-15~~ MW-01	2/27/25	0823	G	Water	N	N	X	X	X	X	4	
~~MW-16~~				Water								
~~MW-17~~				Water								
20 MW-18	2/27/25	0939	G	Water	N	N	X	X	X	X	4	
21 MW-18A	2/27/25	1009	G	Water	N	N	X	X	X	X	4	
~~MW-19~~				Water								
~~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: Jack Misner	Date/Time: 2/27/25 1600	Company: KPRG	Received by: FedEx	Date/Time: 2/27/25 1600	Company: FedEx
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 2/28/25 0920	Company: ETA
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.1→0.8, 0.0→0.3

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 2
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 2 of 3 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 12313.1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3 N - None 500-264388
City: Brookfield	TAT Requested (days): Standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling	Project #: 50011612			
Site: Powerton Station	SSOW#:			Other:

500-264388 COC

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~MW-13R~~				Water								
22 MW-14	2/26/25	0913	G	Water	N	N	X	X	X	X	4	
~~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	4	
~~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	Date/Time	Company	Received by	Date/Time	Company
Josh Misner	2/28/25 1200	KPRG	Fed	2/28/25 1200	FedEx
Relinquished by	Date/Time	Company	Received by: Stephanie Hernandez	3/1/25 0930	EEA
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: -0.3+-0.6

500-264388 Waybi

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

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

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

(262) 202-6966 REF:

INV
PO: DEPT

RMA:

FedEx Express

FedEx
TRK# 0221 4376 0568 1577

TUE - 25 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

RT B19 5
10:30 A
ST 14
02

Part # 159469-434 MTW EXP 04/25

Part # 156307-435 RBDS EXP 11/25

KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV
PO:
REF:
DEPT:
RMA
FedEx
Express
FedEx
TRK# 0221 4376 0568 1625
WED - 26 FEB 10:30A
PRIORITY OVERNIGHT
XP JOTA
60487
IL-US ORD
EXP 11/25

KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV
PO
REF
DEPT
RMA
FedEx
Express
FedEx
TRK# 0221 4376 0568 1599
WED - 26 FEB 10:30A
PRIORITY OVERNIGHT
XP JOTA
60487
IL-US ORD
EXP 11/25

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

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE3855

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955

INV
PO
REF
DEPT

RMA

500-264388 Waybi

FedEx Express

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

TRK# 0221 4283 7742 4229

FedEx
TRK# 0221 4283 7742 4229

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25

#784577 02/26 5BCJ4/26DE/C6C4

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

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE3855

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955

INV
PO
REF
DEPT

RMA

FedEx Express

RETURNS MON-SAT
PRIORITY OVERNIGHT

TRK# 0221 4376 0568 1544

FedEx
TRK# 0221 4376 0568 1544

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

EXP 11/25

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
500-264388 Waybi
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV:
PO.
REF
DEPT
RMA
FedEx
Express
TRK# 0221 4376 0568 1636
FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT
60487
IL-US ORD
XP JOTA
Part # 158469-434 MTW EXP 04/25
#7845770 02/27 5BCJ4

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV:
PO.
REF
DEPT
RMA
FedEx
Express
TRK# 0221 4376 0568 1647
RETURNS MON-SAT
PRIORITY OVERNIGHT
60487
FedEx
TRK# 0221 4376 0568 1647
FRI - 28 FEB 10:
PRIORITY OVERNIGHT
XP JOTA
60487
IL-US ORD
Part # 158469-434 MTW EXP 11/25
#7845770 02/27 5BCJ4

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

CAD: 0780307/CAFE3855

Part # 159469-434 MTW E)

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIV FZ
SUITE E
TINLEY PARK IL 60487
(262) 202-6066 REF

RT 726 7 12:00 A
1670
03.01

INV: PO DEPT

RMA:

FedEx Express

TRK# 0221 4376 0568 1670

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487
IL-US

edEx
K# 21 4376 0568 1670

SATURDAY 12:00P
PRIORITY OVERNIGHT

KO JOTA

60487
IL-US ORD

EXP 11/25

14577 02/28 5BCJ4/26DE/C6C4

500-264388 Waybi

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198860.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/17/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR (RAD)	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Duplicate 3 (500-264388-11)	2/26/25	Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-08 (500-264388-12)	2/26/25	14:17 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-06 (500-264388-13)	2/26/25	13:24 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-07 (500-264388-14)	2/26/25	12:09 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-02 (500-264388-15)	2/26/25	10:26 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-21D (500-264388-16)	2/26/25	08:30 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 16:08		M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-1

Login Number: 264388
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

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.	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 <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.

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

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

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

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 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 14:42
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 Cl- 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 Cl- 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

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 Cl- 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 Cl- 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 Cl- 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

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 Cl- 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 Cl- 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 Cl- 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

Client Sample ID: MW-09

Lab Sample ID: 500-264388-18

Date Collected: 02/27/25 11:00

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total 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 Cl- 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

Lab Sample ID: 500-264388-19

Date Collected: 02/27/25 08:23

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total 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 Cl- 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

Lab Sample ID: 500-264388-20

Date Collected: 02/27/25 09:39

Matrix: Water

Date Received: 02/28/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total 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 Cl- 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

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.

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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Powerton CCR (RAD)

JOB NUMBER

500-264388-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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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Job ID: 500-264388-2 Eurofins Chicago

Job Narrative
500-264388-2

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

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

Affected containers:
E-21
F-21
G-21

RAD
Method 904.0: Radium-228 Prep Batch 160-705650:
The detection goal was not met for the following sample due to insufficient sample available for analysis: (480-227468-A-1-B DU). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 Prep Batch 1660-705650:
The detection goal was not met for the following samples due to the reduction of sample size required by the presence of matrix interferences (discoloration, turbidity noted by the prep analyst): Duplicate (500-264388-1) and MW-10 (500-264388-2). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 705865
The method blank (MB) exhibits activity above the requested limit (RL) for Radium-228. Associated sample(s) have activity below the RL. The data for the following samples have been reported with this narrative: (MB 160-705865/1-A)

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

Method Summary

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

Job ID: 500-264388-2

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-264388-2

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

Client Sample ID: Duplicate

Date Collected: 02/24/25 00:00
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.07		0.298	0.313	1.00	0.225	pCi/L	03/03/25 07:20	03/29/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/03/25 07:20*	*03/29/25 15:14*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.71	G	0.922	0.935	1.00	1.30	pCi/L	03/03/25 07:23	03/25/25 14:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/03/25 07:23*	*03/25/25 14:16*	*1*
Y Carrier	*77.8*		*30 - 110*	*03/03/25 07:23*	*03/25/25 14:16*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.78		0.969	0.986	5.00	1.30	pCi/L		04/07/25 14:39	1

Client Sample ID: MW-10

Date Collected: 02/24/25 12:32
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-2

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.82		0.419	0.450	1.00	0.350	pCi/L	03/03/25 07:20	03/29/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*03/03/25 07:20*	*03/29/25 15:14*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.41	G	1.09	1.13	1.00	1.24	pCi/L	03/03/25 07:23	03/25/25 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*03/03/25 07:23*	*03/25/25 14:17*	*1*
Y Carrier	*76.6*		*30 - 110*	*03/03/25 07:23*	*03/25/25 14:17*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	5.23		1.17	1.22	5.00	1.24	pCi/L		04/07/25 14:39	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.575**		0.262	0.267	1.00	0.319	pCi/L	03/04/25 07:30	04/01/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*03/04/25 07:30*	*04/01/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.218	U	0.381	0.382	1.00	0.790	pCi/L	03/27/25 11:40	04/04/25 10:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.4*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:27*	*1*
Y Carrier	*80.7*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:27*	*1*

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

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

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

Job ID: 500-264388-2

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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0255	U	0.0598	0.0599	1.00	0.135	pCi/L	03/04/25 07:30	04/01/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*30 - 110*	*03/04/25 07:30*	*04/01/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.356	U	0.359	0.361	1.00	0.578	pCi/L	03/27/25 11:40	04/04/25 10:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:27*	*1*
Y Carrier	*78.5*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:27*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0119	U	0.0668	0.0668	1.00	0.143	pCi/L	03/04/25 07:30	04/01/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.5*		*30 - 110*	*03/04/25 07:30*	*04/01/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.977**		0.510	0.518	1.00	0.722	pCi/L	03/04/25 07:33	03/26/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.5*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:06*	*1*
Y Carrier	*76.6*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.965**		0.514	0.522	5.00	0.722	pCi/L		04/07/25 15:00	1

Client Sample ID: MW-05
Date Collected: 02/25/25 12:08
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0830	U	0.0819	0.0822	1.00	0.127	pCi/L	03/04/25 07:30	04/01/25 09:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.790**		0.520	0.525	1.00	0.759	pCi/L	03/04/25 07:33	03/26/25 17:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*03/04/25 07:33*	*03/26/25 17:47*	*1*
Y Carrier	*75.5*		*30 - 110*	*03/04/25 07:33*	*03/26/25 17:47*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.145		0.0888	0.0898	1.00	0.114	pCi/L	03/04/25 07:30	04/01/25 09:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.822		0.456	0.462	1.00	0.671	pCi/L	03/27/25 11:40	04/04/25 10:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.0*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:36*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:36*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.967		0.465	0.471	5.00	0.671	pCi/L		04/07/25 15:00	1

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

Job ID: 500-264388-2

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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0174	U	0.0567	0.0567	1.00	0.112	pCi/L	03/04/25 07:30	04/01/25 09:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.119	U	0.255	0.256	1.00	0.502	pCi/L	03/27/25 11:40	04/04/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.197		0.109	0.111	1.00	0.140	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.851		0.491	0.497	1.00	0.716	pCi/L	03/04/25 07:33	03/26/25 15:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*
Y Carrier	*75.9*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.05		0.503	0.509	5.00	0.716	pCi/L		04/07/25 15:00	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00176	U	0.0638	0.0638	1.00	0.131	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.361	U	0.378	0.379	1.00	0.612	pCi/L	03/27/25 11:40	04/04/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.7*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*83.0*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0839	U	0.101	0.101	1.00	0.166	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.819**		0.447	0.453	1.00	0.642	pCi/L	03/04/25 07:33	03/26/25 15:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*
Y Carrier	*81.9*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.903**		0.458	0.464	5.00	0.642	pCi/L		04/07/25 15:00	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.108	0.109	1.00	0.154	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.985**		0.509	0.517	1.00	0.712	pCi/L	03/04/25 07:33	03/26/25 15:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*
Y Carrier	*75.1*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.14**		0.520	0.528	5.00	0.712	pCi/L		04/07/25 15:00	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138	U	0.107	0.108	1.00	0.157	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.225	U	0.423	0.423	1.00	0.729	pCi/L	03/04/25 07:33	03/26/25 15:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*
Y Carrier	*78.1*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:01*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.364	U	0.436	0.437	5.00	0.729	pCi/L		04/07/25 15:00	1

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

Job ID: 500-264388-2

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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.737**		0.291	0.298	1.00	0.334	pCi/L	03/04/25 07:30	04/01/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.6*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.233	U	0.486	0.487	1.00	0.850	pCi/L	03/27/25 11:40	04/04/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.0*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

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

Job ID: 500-264388-2

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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.1*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.957**		0.510	0.517	1.00	0.702	pCi/L	03/04/25 07:33	03/26/25 17:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.1*		*30 - 110*	*03/04/25 07:33*	*03/26/25 17:54*	*1*
Y Carrier	*79.6*		*30 - 110*	*03/04/25 07:33*	*03/26/25 17:54*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.1*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

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

Job ID: 500-264388-2

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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00104	U	0.0845	0.0845	1.00	0.170	pCi/L	03/06/25 07:49	04/01/25 21:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*03/06/25 07:49*	*04/01/25 21:59*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.901**		0.523	0.530	1.00	0.763	pCi/L	03/06/25 07:52	03/28/25 13:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:46*	*1*
Y Carrier	*87.9*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.902**		0.530	0.537	5.00	0.763	pCi/L		04/07/25 15:00	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.482	U	0.344	0.347	1.00	0.510	pCi/L	03/04/25 07:33	03/26/25 15:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:02*	*1*
Y Carrier	*78.9*		*30 - 110*	*03/04/25 07:33*	*03/26/25 15:02*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.566**		0.353	0.356	5.00	0.510	pCi/L		04/07/25 15:00	1

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.0*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*
Y Carrier	*80.0*		*30 - 110*	*03/27/25 11:40*	*04/04/25 10:30*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.0*		*30 - 110*	*03/04/25 07:30*	*04/01/25 09:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

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

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/27/25 11:42*	*04/04/25 10:30*	*1*
Y Carrier	*79.3*		*30 - 110*	*03/27/25 11:42*	*04/04/25 10:30*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0834	U	0.0936	0.0939	1.00	0.151	pCi/L	03/06/25 07:49	04/01/25 22:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:17*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.251	U	0.397	0.398	1.00	0.678	pCi/L	03/06/25 07:52	03/28/25 13:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*1*

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

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

Client Sample 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

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0659	U	0.0904	0.0906	1.00	0.152	pCi/L	03/06/25 07:49	04/01/25 22:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:17*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.31**		0.585	0.597	1.00	0.791	pCi/L	03/06/25 07:52	03/28/25 13:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*1*
Y Carrier	*82.6*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*1*

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

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

Definitions/Glossary

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

Job ID: 500-264388-2

Qualifiers

Rad

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

Glossary

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

Rad

Prep Batch: 705649

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

Prep Batch: 705650

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

Prep Batch: 705864

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

Prep Batch: 705865

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

Prep Batch: 706368

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

Rad (Continued)

Prep Batch: 706368 (Continued)

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

Prep Batch: 706369

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

Prep Batch: 709477

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

Method: 903.0 - Radium-226 (GFPC)

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

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

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

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/03/25 07:20*	*03/29/25 13:25*	*1*

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

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

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

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.6*		*30 - 110*

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

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

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

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/04/25 07:30*	*04/01/25 07:48*	*1*

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

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

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

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.2*		*30 - 110*

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

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

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

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

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

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

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

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

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

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

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

Method: 904.0 - Radium-228 (GFPC)

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

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

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110	03/03/25 07:23	03/25/25 14:12	1
Y Carrier	77.0		30 - 110	03/03/25 07:23	03/25/25 14:12	1

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

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

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	8.479		1.34	1.00	0.742	pCi/L	106	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.6		30 - 110
Y Carrier	77.4		30 - 110

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110	03/06/25 07:52	03/28/25 12:18	1
Y Carrier	84.5		30 - 110	03/06/25 07:52	03/28/25 12:18	1

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

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

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

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

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

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

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

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

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

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110	03/27/25 08:23	04/04/25 10:25	1
Y Carrier	84.5		30 - 110	03/27/25 08:23	04/04/25 10:25	1

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

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

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

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

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 1
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 6
Company: KPRG and Associates, Inc.	PWSID:			Job #: 123131
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3, N - None; 500-264388
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling	Project #: 50011612			
Site: Powerton Station	SSOW#:			Other:

500-264388 COC

Analysis Requested

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~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	N	N	X	X	X	X	7	
2 MW-10	2/24/25	1232	G	Water	N	N	X	X	X	X	7	
3 MW-11	2/24/25	1351	G	Water	N	N	X	X	X	X	7	

Possible Hazard Identification
X 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 X 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
1	Jack Misner KPRG	2/24/25 1535	KPRG	FedEx	2/24/25 1535	FedEx
2		Date/Time	Company		Date/Time	Company
	Relinquished by			Received by	2/25/25 1000	EPTH
3	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: 0.5 - 0.2

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 1
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin: IL	Page: Page 1 of 4
Company: KPRG and Associates, Inc	PWSID:			Job #: 123173-1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D HNO3, N None 500-264388
City: Brookfield	TAT Requested (days): Standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Samplling	Project #: 50011612			
Site: Powerton Station	SSOW#:			Other:

500-264388 COC

Analysis Requested

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate										Total Number of containers	Special Instructions/Note.
Preservation Code:					X	X	D	D	N	N										X	
~~MW-01~~				Water																	
~~MW-02~~				Water																	
4 MW-03	2/25/25	1448	G	Water	N	N	x	X	X	X										7	
5 MW-04		1306		Water																	
6 MW-05		1208		Water																	
7 ~~MW-06~~ MW-15		0935		Water																	
8 ~~MW-07~~ MW-16		1043		Water																	
9 ~~MW-08~~ MW-22	2/25/25	0828	G	Water	N	N	x	X	X	X										7	
10 ~~MW-09~~ Duplicate 2				Water																	
~~MW-10~~				Water																	
~~MW-11~~				Water																	

Possible Hazard Identification
X 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 X 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
Jack Misner	2/25/25 1645	KPRG	FedEx	2/25/25 1645	FedEx
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
			[illegible]	2/26/25 1010	EET
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: 5.8→5.7, 0.3→0.0

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 3
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et.eurofinsus com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:			Job #: 12313.1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			
City: Brookfield	TAT Requested (days): Standard			
State Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Sampling	Project #: 50011612			
Site: Powerton Station	SSOW#:			

500-264388 COC

Analysis Requested

Preservation Codes
D HNO3
N None
500-26438

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~Duplicate 2~~				Water								
11 Duplicate 3	2/26/25	-	G	Water	N	N	X	X	X	X	4	
12 MW-08		1417		Water							1	
13 MW-06		1324		Water							1	
14 MW-07		1209		Water							1	
15 MW-02	2/26/25	~~0850~~	G	Water	N	N	X	X	X	X	4	MW-02 Sample Time 1020
16 MW-21D	2/26/25	0830	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	Date/Time	Company	Received by	Date/Time	Company
1	Jack Misner	2/26/25 1630	KPRG	Fed Ex	2/26/25 1630	Fed Ex
2		Date/Time	Company	Received by	Date/Time	Company
				[illegible]	2/27/25 0945	ECTA
3		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:
		2.8-2.7/1.8-2.7

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 2
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana Mockler@et eurofinsus com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:			Job #: 12313.1

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	Analysis Requested	Preservation Codes: D HNO3, N None 500-264388
City: Brookfield	TAT Requested (days): Standard		
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No		
Phone: 262-781-0475(Tel)	PO #: 4502160845		
Email: kaelyns@kprginc.com	WO #:		
Project Name: Powerton CCR Event Desc Quarterly Powerton CCR Samplling	Project #: 50011612		
Site: Powerton Station	SSOW#:		Other:

500-264388 COC

	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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
				Preservation Code:		X	X	D	D	N	N	X	
17	MW-12R	2/27/25	1204	G	Water	N	N	X	X	X	X	4	
18	~~MW-14~~ MW-09	2/27/25	1100	G	Water	N	N	X	X	X	X	4	
19	~~MW-15~~ MW-01	2/27/25	0823	G	Water	N	N	X	X	X	X	4	
	~~MW-16~~				Water								
	~~MW-17~~				Water								
20	MW-18	2/27/25	0939	G	Water	N	N	X	X	X	X	4	
21	MW-18A	2/27/25	1009	G	Water	N	N	X	X	X	X	4	
	~~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: Jack Misner	Date/Time: 2/27/25 1600	Company: KPRG	Received by: FedEx	Date/Time: 2/27/25 1600	Company: FedEx
Relinquished by:	Date/Time	Company	Received by: [signature]	Date/Time: 2/28/25 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: 1.1→0.8, 0.0→0.3

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 2
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 2 of 3 1 of 1
Company: KPRG and Associates, Inc	PWSID:	Analysis Requested		Job #: 12313.1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3 N - None 500-264388
City: Brookfield	TAT Requested (days): Standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling	Project #: 50011612			
Site: Powerton Station	SSOW#:			Other:

500-264388 COC

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~MW-13R~~				Water								
22 MW-14	2/26/25	0913	G	Water	N	N	X	X	X	X	4	
~~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	4	
~~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	Date/Time	Company	Received by	Date/Time	Company
Josh Misner	2/28/25 1200	KPRG	Fed	2/28/25 1200	FedEx
Relinquished by	Date/Time	Company	Received by: Stephanie Hernandez	3/1/25 0930	EEA
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: -0.3+-0.6

500-264388 Waybi

KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV
PO:
REF:
DEPT:
RMA
FedEx
Express
FedEx
TRK# 0221 4376 0568 1625
WED - 26 FEB 10:30A
PRIORITY OVERNIGHT
XP JOTA
60487
IL-US ORD
EXP 11/25

KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955
INV
PO
REF
DEPT
RMA
FedEx
Express
FedEx
TRK# 0221 4376 0568 1599
WED - 26 FEB 10:30A
PRIORITY OVERNIGHT
XP JOTA
60487
IL-US ORD
EXP 11/25

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

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE3855

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955

INV
PO
REF
DEPT
RMA

500-264388 Waybi

FedEx Express

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

TRK# 0221 4283 7742 4229

FedEx
TRK# 0221 4283 7742 4229

THU - 27 FEB 10:30A
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

#784577 02/26 5BCJ4/26DE/C6C4

ACTWGT 25.00 LB MAN
CAD 0780307/CAFE3855

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

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955

INV
PO
REF
DEPT
RMA

FedEx Express

RETURNS MON-SAT
PRIORITY OVERNIGHT

TRK# 0221 4376 0568 1544

FedEx
TRK# 0221 4376 0568 1544

THU - 27 FEB
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

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

500-264388 Waybi

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955 REF
INV:
PO: DEPT

RMA

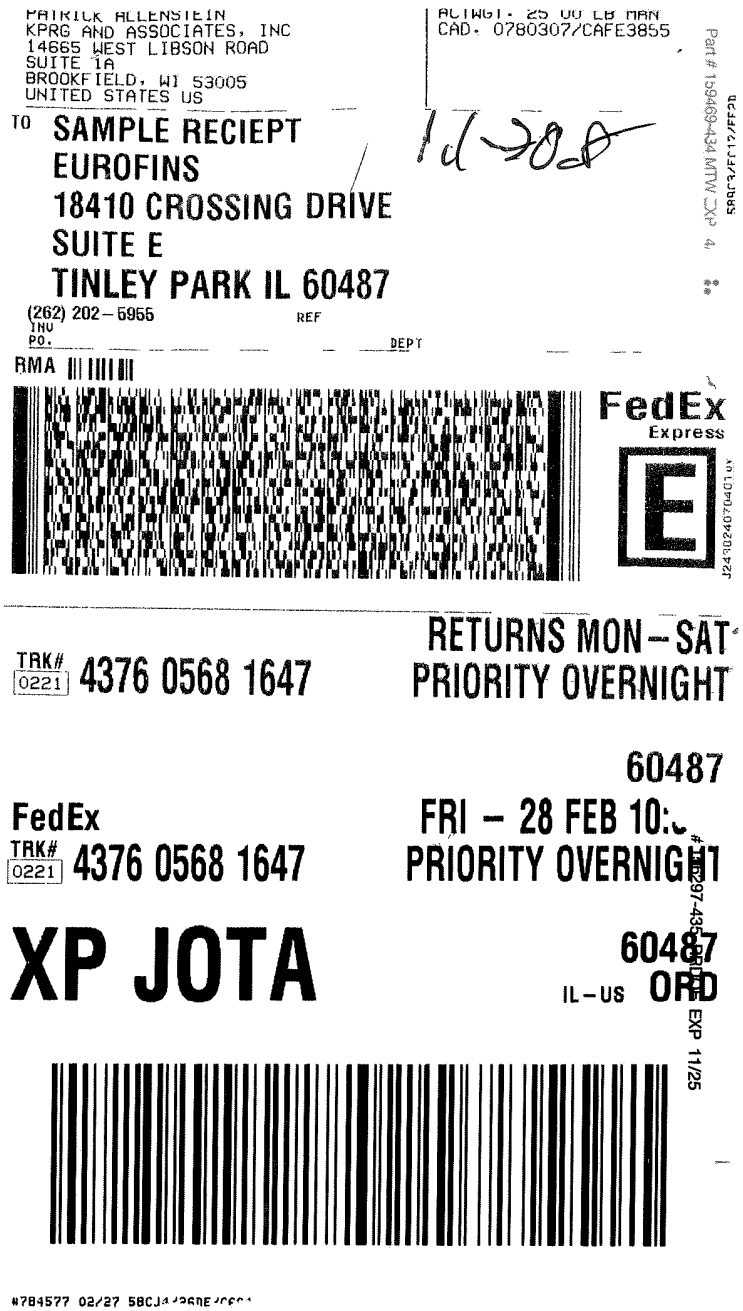
FedEx Express

TRK# 0221 4376 0568 1636

FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

60487
IL-US ORD

XP JOTA



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

ACTWGT: 25.00 LB MAN
CAD: 0780307/CAFE3855

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIVE
SUITE E
TINLEY PARK IL 60487
(262) 202-5955 REF
INV:
PO: DEPT

RMA

FedEx Express

TRK# 0221 4376 0568 1647

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487

FedEx
TRK# 0221 4376 0568 1647

FRI - 28 FEB 10:
PRIORITY OVERNIGHT

XP JOTA

60487
IL-US ORD

#784577 02/27

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

CAD: 0780307/CAFE3855

Part # 159469-434 MTWED

TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING DRIV FZ
SUITE E
TINLEY PARK IL 60487
(262) 202-6066 REF

RT 726
7
12:00 A
1670
03.01

INV: PO DEPT

RMA:

FedEx Express

TRK# 0221 4376 0568 1670

RETURNS MON-SAT
PRIORITY OVERNIGHT

60487
IL-US

edEx
K# 21 4376 0568 1670

SATURDAY 12:00P
PRIORITY OVERNIGHT

KO JOTA

60487
IL-US ORD

EXP 11/25

14577 02/28 5BCJ4/26DE/C6C4

500-264388 Waybi

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198735.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/31/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR (RAD)	Project #: 50011612			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Duplicate (500-264388-1)	2/24/25	Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-10 (500-264388-2)	2/24/25	12:32 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-11 (500-264388-3)	2/24/25	13:51 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	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

Relinquished by: [signature] Date/Time: 2/25/25 1700 Company

Received by: M. Pinetta Date/Time: FEB 26 2025 0835 Company

Received by: Meadow Pinette

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

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198829.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/18/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR (RAD)	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-03 (500-264388-4)	2/25/25	14:48 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-04 (500-264388-5)	2/25/25	13:06 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-05 (500-264388-6)	2/25/25	12:08 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-15 (500-264388-7)	2/25/25	09:35 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-16 (500-264388-8)	2/25/25	10:43 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-22 (500-264388-9)	2/25/25	08:28 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
Duplicate 2 (500-264388-10)	2/25/25	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/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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/26/25 1630		M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198860.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/17/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR (RAD)	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Duplicate 3 (500-264388-11)	2/26/25	Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-08 (500-264388-12)	2/26/25	14:17 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-06 (500-264388-13)	2/26/25	13:24 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-07 (500-264388-14)	2/26/25	12:09 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-02 (500-264388-15)	2/26/25	10:26 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-21D (500-264388-16)	2/26/25	08:30 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 16:08		M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198915.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/18/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-12R (500-264388-17)	2/27/25	12:04 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-09 (500-264388-18)	2/27/25	11:00 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-01 (500-264388-19)	2/27/25	08:23 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-18 (500-264388-20)	2/27/25	09:39 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-18A (500-264388-21)	2/27/25	10:09 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Stephanie Hernandez	2/28/25 1600	EETA	M. Pinette	MAR 0 3 2025 0815	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198932.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264388-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/18/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR (RAD)	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-14 (500-264388-22)	2/26/25	09:13 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs
MW-19 (500-264388-23)	2/28/25	08:56 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

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

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 3/3/25 1000	Company	Received by:	Date/Time: 0835 MAR 0 4 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/26/25 11:05 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/27/25 11:18 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 4
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:36 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 5
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 03/03/25 10:42 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264388-2

Login Number: 264388
List Number: 6
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 03/04/25 11:51 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: Duplicate
Date Collected: 02/24/25 00:00
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-1
Matrix: Water

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

Client Sample ID: MW-10
Date Collected: 02/24/25 12:32
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-2
Matrix: Water

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

Client Sample ID: MW-11
Date Collected: 02/24/25 13:51
Date Received: 02/25/25 10:00

Lab Sample ID: 500-264388-3
Matrix: Water

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

Client Sample ID: MW-03
Date Collected: 02/25/25 14:48
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-4
Matrix: Water

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

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-04
Date Collected: 02/25/25 13:06
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-5
Matrix: Water

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

Client Sample ID: MW-05
Date Collected: 02/25/25 12:08
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-6
Matrix: Water

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

Client Sample ID: MW-15
Date Collected: 02/25/25 09:35
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-7
Matrix: Water

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

Client Sample ID: MW-16
Date Collected: 02/25/25 10:43
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-8
Matrix: Water

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

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-22
Date Collected: 02/25/25 08:28
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-9
Matrix: Water

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

Client Sample ID: Duplicate 2
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 10:10

Lab Sample ID: 500-264388-10
Matrix: Water

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

Client Sample ID: Duplicate 3
Date Collected: 02/26/25 00:00
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-11
Matrix: Water

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

Client Sample ID: MW-08
Date Collected: 02/26/25 14:17
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-12
Matrix: Water

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

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-06
Date Collected: 02/26/25 13:24
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-13
Matrix: Water

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

Client Sample ID: MW-07
Date Collected: 02/26/25 12:09
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-14
Matrix: Water

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

Client Sample ID: MW-02
Date Collected: 02/26/25 10:26
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-15
Matrix: Water

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

Client Sample ID: MW-21D
Date Collected: 02/26/25 08:30
Date Received: 02/27/25 09:45

Lab Sample ID: 500-264388-16
Matrix: Water

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

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-12R
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/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-09
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/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 21:59
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:46
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-01
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/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			705865	OGC	EET SL	03/04/25 07:33
Total/NA	Analysis	904.0		1	709426	SWS	EET SL	03/26/25 15:02
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Client Sample ID: MW-18
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/NA	Prep	PrecSep-21			705864	OGC	EET SL	03/04/25 07:30
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:54
Total/NA	Prep	PrecSep_0			709477	OGC	EET SL	03/27/25 11:40
Total/NA	Analysis	904.0		1	710746	SWS	EET SL	04/04/25 10:30
Total/NA	Analysis	Ra226_Ra228		1	711180	FLC	EET SL	04/07/25 15:00

Lab Chronicle

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

Job ID: 500-264388-2

Client Sample ID: MW-18A
Date Collected: 02/27/25 10:09
Date Received: 02/28/25 09:20

Lab Sample ID: 500-264388-21
Matrix: Water

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

Client Sample ID: MW-14
Date Collected: 02/26/25 09:13
Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-22
Matrix: Water

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

Client Sample ID: MW-19
Date Collected: 02/28/25 08:56
Date Received: 03/01/25 09:30

Lab Sample ID: 500-264388-23
Matrix: Water

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

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

Accreditation/Certification Summary

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

Job ID: 500-264388-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

Tracer/Carrier Summary

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

Job ID: 500-264388-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

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

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

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

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Job ID: 500-264388-2
Project/Site: Powerton CCR (RAD)

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

Matrix: Water
Prep Type: Total/NA

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

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/5/2025 11:08:37 AM

JOB DESCRIPTION

Powerton CCR Resamples

JOB NUMBER

500-267405-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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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Job ID: 500-267405-1 — Eurofins Chicago

Job Narrative
500-267405-1

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.

Metals
Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-10 (500-267405-1). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

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

Job ID: 500-267405-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	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 Resamples

Job ID: 500-267405-1

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
500-267405-2	MW-18A	Water	04/24/25 11:30	04/25/25 09:40

Client Sample Results

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

Job ID: 500-267405-1

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	6.7		0.25		mg/L		04/30/25 09:01	05/01/25 12:50	5

Client Sample Results

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

Job ID: 500-267405-1

Client Sample ID: MW-18A

Date Collected: 04/24/25 11:30
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267405-2

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			04/30/25 03:53	1

Definitions/Glossary

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

Job ID: 500-267405-1

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

Job ID: 500-267405-1

Metals

Prep Batch: 815760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267405-1	MW-10	Total Recoverable	Water	3005A	
MB 500-815760/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-815760/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 816030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267405-1	MW-10	Total Recoverable	Water	6020B	815760
MB 500-815760/1-A	Method Blank	Total Recoverable	Water	6020B	815760
LCS 500-815760/2-A	Lab Control Sample	Total Recoverable	Water	6020B	815760

General Chemistry

Analysis Batch: 815684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267405-2	MW-18A	Total/NA	Water	SM 2540C	
MB 500-815684/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-815684/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-815760/1-A
Matrix: Water
Analysis Batch: 816030

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 815760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		04/30/25 09:01	05/01/25 11:30	1

Lab Sample ID: LCS 500-815760/2-A
Matrix: Water
Analysis Batch: 816030

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 815760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.05		mg/L		105	80 - 120

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

Lab Sample ID: MB 500-815684/1
Matrix: Water
Analysis Batch: 815684

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			04/30/25 03:25	1

Lab Sample ID: LCS 500-815684/2
Matrix: Water
Analysis Batch: 815684

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	254		mg/L		102	80 - 120

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2417 Bond Street, University Park, IL 60484
Phone: 708.534 5200 Fax. 708.534 5211

Chain of Custody Record

Lab Job # 500-267405

Chain of Custody Number:

Page 1 of 1

Temperature °C of Cooler: 0.2+0.8

(optional)

Report To
Contact.
Company: KPRG & Associates
Address. 14616 W Lisbon Rd
Address. Ste 1A, Brookfield WI 53005
Phone 262 781 0475
Fax.
E-Mail kaelyns@kprginc.com

(optional)

Bill To
Contact.
Company:
Address.
Address.
Phone
Fax.
PO#/Reference#

500-267405 COC

Client: Midwest Generation
Client Project #: 12313.1
Project Name: Powerton CCR Resamples
Project Location/State: Pekin, IL
Lab Project #:
Sampler: Kaelyn Sperle
Lab PM: Diana Mockler

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	3	8	3								
							Parameter	Radium 226/228, Comb.	TDS	Boron								
1		MW-10	4/24/25	1234	4	W		X		X								
2		MW-18A	4/24/25	1130	1	W			X									

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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: Standard

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Kaelyn Sperle	KPRG	4/24/25	1435	FedEx		4/24/25	1435
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				Stephanie Hemandez	EEHA	4/25/25	0940
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments.

TAL-4124-500 (1209)

5/5/2025

Do Not Lift Using This Tag

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Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267405-1

Login Number: 267405
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	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 <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.

Lab Chronicle

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

Job ID: 500-267405-1

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 Recoverable	Prep	3005A			815760	BDE	EET CHI	04/30/25 09:01 - 04/30/25 15:01 [1]
Total Recoverable	Analysis	6020B		5	816030	RN	EET CHI	05/01/25 12:50

Client Sample ID: MW-18A

Date Collected: 04/24/25 11:30
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267405-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	815684	CLB	EET CHI	04/30/25 03:53

[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 Resamples

Job ID: 500-267405-1

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

eurofins | Environment Testing

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
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

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
5/30/2025 12:55:35 PM

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

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Job ID: 500-267405-2 Eurofins Chicago

Job Narrative
500-267405-2

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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.

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

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

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. Job ID: 500-267405-2
Project/Site: Powerton CCR Resamples (RAD)

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	

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*

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2417 Bond Street, University Park, IL 60484
Phone: 708.534 5200 Fax. 708.534 5211

(optional)
Report To
Contact.
Company: KPRG & Associates
Address. 14616 W Lisbon Rd
Address. Ste 1A, Brookfield WI 53005
Phone 262 781 0475
Fax.
E-Mail kaelyns@kprginc.com

(optional)
Bill To
Contact.
Company:
Address.
Address.
Phone
Fax.
PO#/Reference#

Chain of Custody Record

Lab Job # 500-267405
Chain of Custody Number:
Page 1 of 1
Temperature °C of Cooler: 0.2+0.8

500-267405 COC

Client	Client Project #
Midwest Generation	12313.1
Project Name: Powerton CCR Resamples	
Project Location/State: Pekin, IL	Lab Project #
Sampler: Kaelyn Sperle	Lab PM: Diana Mockler

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Parameter: Preservative	Radium 226/228, Comb. (3)	TDS (8)	Boron (3)	Comments
1		MW-10	4/24/25	1234	4	W		X		X	
2		MW-18A	4/24/25	1130	1	W			X		

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: Standard

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Kaelyn Sperle	KPRG	4/24/25	1435	FedEx		4/24/25	1435
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				Stephanie Hemandez	EEHA	4/25/25	0940
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments.

TAL-4124-500 (1209)

5/30/2025

Do Not Lift Using This Tag

46

Eurofins Chicago
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 (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200084.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-267405-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 5/15/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-10 (500-267405-1)	4/24/25	12:34 Central	G	Water			X	X	X	3	Full QC needed (dups, etc) Batch QC must be performed (dup, spikes, etc) - no NCMs

Analysis Requested

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	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Angel Knopf	04/25/25 16:00	EEETA	M. Pinette	APR 28 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267405-2

Login Number: 267405
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267405-2

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 </= 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.

Lab Chronicle

Client: KPRG and Associates, Inc.
Job ID: 500-267405-2
Project/Site: Powerton CCR Resamples (RAD)

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. Job ID: 500-267405-2
Project/Site: Powerton CCR Resamples (RAD)

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/12/2025 8:40:48 AM

JOB DESCRIPTION

Powerton CCR (MW-24)

JOB NUMBER

500-267407-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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
5/12/2025 8:40:48 AM

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

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Job ID: 500-267407-1 — Eurofins Chicago

Job Narrative
500-267407-1

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

Metals
Method 6020B - Total Recoverable: The spike amount for Lithium is incorrect. The correct spike amount is 0.100. The LCS recovered within control limits (105%) for the correct spike amount. The reagent has been corrected, the flag removed and data reported. (LCS 500-816473/2-A)

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

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24)

Job ID: 500-267407-1

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 (MW-24)

Job ID: 500-267407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267407-1	MW-24	Water	04/24/25 09:25	04/25/25 09:40

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24)

Job ID: 500-267407-1

Client Sample ID: MW-24

Date Collected: 04/24/25 09:25
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267407-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/06/25 08:02	05/07/25 15:04	1
Arsenic	**0.023**		0.0010		mg/L		05/06/25 08:02	05/07/25 15:04	1
Barium	**0.19**		0.0025		mg/L		05/06/25 08:02	05/07/25 15:04	1
Beryllium	<0.0010		0.0010		mg/L		05/06/25 08:02	05/07/25 15:04	1
Boron	**2.3**		0.050		mg/L		05/06/25 08:02	05/08/25 14:57	1
Cadmium	<0.00050		0.00050		mg/L		05/06/25 08:02	05/07/25 15:04	1
Calcium	**120**		0.20		mg/L		05/06/25 08:02	05/07/25 15:04	1
Chromium	**0.010**		0.0050		mg/L		05/06/25 08:02	05/07/25 15:04	1
Cobalt	**0.0040**		0.0010		mg/L		05/06/25 08:02	05/07/25 15:04	1
Lead	**0.0065**		0.00050		mg/L		05/06/25 08:02	05/07/25 15:04	1
Lithium	**0.011**		0.010		mg/L		05/06/25 08:02	05/07/25 15:04	1
Molybdenum	**0.0078**		0.0050		mg/L		05/06/25 08:02	05/07/25 15:04	1
Selenium	<0.0025		0.0025		mg/L		05/06/25 08:02	05/07/25 15:04	1
Thallium	<0.0020		0.0020		mg/L		05/06/25 08:02	05/07/25 15:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/06/25 10:15	05/07/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**760**		10		mg/L			04/30/25 03:56	1
Chloride (SM 4500 Cl- E)	**80**		4.0		mg/L			05/05/25 15:52	2
Fluoride (SM 4500 F C)	**0.40**		0.10		mg/L			05/07/25 17:05	1
Sulfate (SM 4500 SO4 E)	**130**		25		mg/L			05/06/25 15:07	5

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24)

Job ID: 500-267407-1

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 (MW-24)

Job ID: 500-267407-1

Metals

Prep Batch: 816473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total Recoverable	Water	3005A	
MB 500-816473/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-816473/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 816531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	7470A	
MB 500-816531/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-816531/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 816745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	7470A	816531
MB 500-816531/12-A	Method Blank	Total/NA	Water	7470A	816531
LCS 500-816531/13-A	Lab Control Sample	Total/NA	Water	7470A	816531

Analysis Batch: 816866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total Recoverable	Water	6020B	816473
MB 500-816473/1-A	Method Blank	Total Recoverable	Water	6020B	816473
LCS 500-816473/2-A	Lab Control Sample	Total Recoverable	Water	6020B	816473

Analysis Batch: 817044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total Recoverable	Water	6020B	816473

General Chemistry

Analysis Batch: 815684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	SM 2540C	
MB 500-815684/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-815684/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 816423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	SM 4500 Cl- E	
MB 500-816423/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-816423/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 816626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	SM 4500 SO4 E	
MB 500-816626/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-816626/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 816816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	Total/NA	Water	SM 4500 F C	
MB 500-816816/67	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-816816/68	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-816473/1-A
Matrix: Water
Analysis Batch: 816866

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 816473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/06/25 08:02	05/07/25 13:56	1
Arsenic	<0.0010		0.0010		mg/L		05/06/25 08:02	05/07/25 13:56	1
Barium	<0.0025		0.0025		mg/L		05/06/25 08:02	05/07/25 13:56	1
Beryllium	<0.0010		0.0010		mg/L		05/06/25 08:02	05/07/25 13:56	1
Boron	<0.050		0.050		mg/L		05/06/25 08:02	05/07/25 13:56	1
Cadmium	<0.00050		0.00050		mg/L		05/06/25 08:02	05/07/25 13:56	1
Calcium	<0.20		0.20		mg/L		05/06/25 08:02	05/07/25 13:56	1
Chromium	<0.0050		0.0050		mg/L		05/06/25 08:02	05/07/25 13:56	1
Cobalt	<0.0010		0.0010		mg/L		05/06/25 08:02	05/07/25 13:56	1
Lead	<0.00050		0.00050		mg/L		05/06/25 08:02	05/07/25 13:56	1
Lithium	<0.010		0.010		mg/L		05/06/25 08:02	05/07/25 13:56	1
Molybdenum	<0.0050		0.0050		mg/L		05/06/25 08:02	05/07/25 13:56	1
Selenium	<0.0025		0.0025		mg/L		05/06/25 08:02	05/07/25 13:56	1
Thallium	<0.0020		0.0020		mg/L		05/06/25 08:02	05/07/25 13:56	1

Lab Sample ID: LCS 500-816473/2-A
Matrix: Water
Analysis Batch: 816866

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 816473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Arsenic	0.100	0.0996		mg/L		100	80 - 120
Barium	0.500	0.509		mg/L		102	80 - 120
Beryllium	0.0500	0.0500		mg/L		100	80 - 120
Boron	1.00	1.00		mg/L		100	80 - 120
Cadmium	0.0500	0.0505		mg/L		101	80 - 120
Calcium	10.0	8.39		mg/L		84	80 - 120
Chromium	0.200	0.197		mg/L		99	80 - 120
Cobalt	0.500	0.516		mg/L		103	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.200	0.105		mg/L		53	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Thallium	0.100	0.0987		mg/L		99	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-816531/12-A
Matrix: Water
Analysis Batch: 816745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 816531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/06/25 10:15	05/07/25 08:17	1

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

Lab Sample ID: LCS 500-816531/13-A
Matrix: Water
Analysis Batch: 816745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 816531

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

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

Lab Sample ID: MB 500-815684/1
Matrix: Water
Analysis Batch: 815684

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			04/30/25 03:25	1

Lab Sample ID: LCS 500-815684/2
Matrix: Water
Analysis Batch: 815684

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	254		mg/L		102	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-816423/16
Matrix: Water
Analysis Batch: 816423

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			05/05/25 15:16	1

Lab Sample ID: LCS 500-816423/17
Matrix: Water
Analysis Batch: 816423

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	19.7		mg/L		99	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-816816/67
Matrix: Water
Analysis Batch: 816816

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			05/07/25 16:15	1

Lab Sample ID: LCS 500-816816/68
Matrix: Water
Analysis Batch: 816816

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	9.63		mg/L		96	90 - 119

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24)

Job ID: 500-267407-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-816626/16
Matrix: Water
Analysis Batch: 816626

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			05/06/25 14:51	1

Lab Sample ID: LCS 500-816626/17
Matrix: Water
Analysis Batch: 816626

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		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534 5200 Fax. 708.534 5211

Chain of Custody Record

Lab Job # 500-267407

Chain of Custody Number

Page 1 of 1

Temperature °C of Cooler 0.7+0.9

(optional) Report To	(optional) Bill To
Contact.	Contact.
Company KPRG and Associates	Company
Address 14665 W. Lisbon Rd	Address
Address Ste 1A, Brookfield, WI 53005	Address
Phone: 262 781 0475	Phone
Fax	Fax
E Mail kaelyn@kprginc.com	PO#/Reference#

Client	Client Project #	Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	3	3	8	8	8
Midwest Generation	12313.1								Parameter	Radium 226/228, comb	Metals, Mercury	TDS	Chloride, Fluoride	Sulfate
Project Name: Powerton CCR														
Project Location/State: Pekin, IL	Lab Project #													
Sampler: Kaelyn Sperle	Lab PM: Diana Mockler													
		1		MW-24	4/24/25	0925	7	W		X	X	X	X	X

500-267407 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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date Standard

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Kaelyn Sperle	KPRG	4/24/25	1435	FedEx		4/24/25	1435
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				Stephanie Hernandez		4/25/25	0940
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments.

TAL-4124-500 (1209)

5/12/2025

Do Not Lift Using This Tag

48

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267407-1

Login Number: 267407
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	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 <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.

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24)

Job ID: 500-267407-1

Client Sample ID: MW-24

Date Collected: 04/24/25 09:25
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267407-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			816473	BDE	EET CHI	05/06/25 08:02 - 05/06/25 14:02 [1]
Total Recoverable	Analysis	6020B		1	816866	RN	EET CHI	05/07/25 15:04
Total Recoverable	Prep	3005A			816473	BDE	EET CHI	05/06/25 08:02 - 05/06/25 14:02 [1]
Total Recoverable	Analysis	6020B		1	817044	RN	EET CHI	05/08/25 14:57
Total/NA	Prep	7470A			816531	MJG	EET CHI	05/06/25 10:15 - 05/06/25 12:15 [1]
Total/NA	Analysis	7470A		1	816745	MJG	EET CHI	05/07/25 09:15
Total/NA	Analysis	SM 2540C		1	815684	CLB	EET CHI	04/30/25 03:56
Total/NA	Analysis	SM 4500 Cl- E		2	816423	TR	EET CHI	05/05/25 15:52
Total/NA	Analysis	SM 4500 F C		1	816816	AC	EET CHI	05/07/25 17:05
Total/NA	Analysis	SM 4500 SO4 E		5	816626	TR	EET CHI	05/06/25 15:07

[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 (MW-24)

Job ID: 500-267407-1

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

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/30/2025 12:56:39 PM

JOB DESCRIPTION

Powerton CCR (MW-24 RAD)

JOB NUMBER

500-267407-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

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
5/30/2025 12:56:39 PM

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

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Job ID: 500-267407-2 Eurofins Chicago

Job Narrative
500-267407-2

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Receipt
The sample was received on 4/25/2025 9:40 AM. Unless otherwise noted below, the sample 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
Method 904.0: Radium-228 prep batch 160-715676:

The following sample did not meet the requested limit (RL) due to a reduced sample volume, which can be attributed to the presence of matrix interferences noted during the initial preparation. The data have been reported with this narrative.
MW-24 (500-267407-1)

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.

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24 RAD)

Job ID: 500-267407-2

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 (MW-24 RAD)

Job ID: 500-267407-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267407-1	MW-24	Water	04/24/25 09:25	04/25/25 09:40

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24 RAD)

Job ID: 500-267407-2

Client Sample ID: MW-24

Date Collected: 04/24/25 09:25
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267407-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.550	U	0.413	0.416	1.00	0.592	pCi/L	05/01/25 16:18	05/30/25 07:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*05/01/25 16:18*	*05/30/25 07:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.974	U G	0.926	0.930	1.00	1.48	pCi/L	05/01/25 16:21	05/29/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*05/01/25 16:21*	*05/29/25 11:52*	*1*
Y Carrier	*84.5*		*30 - 110*	*05/01/25 16:21*	*05/29/25 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	**1.52**		1.01	1.02	5.00	1.48	pCi/L		05/30/25 11:58	1

Definitions/Glossary

Client: KPRG and Associates, Inc. Job ID: 500-267407-2
Project/Site: Powerton CCR (MW-24 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.
Project/Site: Powerton CCR (MW-24 RAD)

Job ID: 500-267407-2

Rad

Prep Batch: 715675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267407-1	MW-24	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
500-267407-1	MW-24	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	

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*

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534 5200 Fax. 708.534 5211

Chain of Custody Record

Lab Job # 500-267407

Chain of Custody Number

Page 1 of 1

Temperature °C of Cooler 0.2+0.9

(optional) Report To	(optional) Bill To
Contact.	Contact.
Company KPRG and Associates	Company
Address 14616 W. Lisbon Rd	Address
Address Ste 1A, Brookfield, WI 53005	Address
Phone: 262 781 0475	Phone
Fax	Fax
E Mail kaelyn@kprginc.com	PO#/Reference#

Client	Client Project #	Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	3	3	8	8	8
Midwest Generation	12313.1								Parameter	Radium 226/228, comb	Metals, Mercury	TDS	Chloride, Fluoride	Sulfate
Project Name: Powerton CCR														
Project Location/State: Pekin, IL	Lab Project #													
Sampler: Kaelyn Sperle	Lab PM: Diana Mockler													
		1		MW-24	4/24/25	0925	7	W		X	X	X	X	X

500-267407 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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date Standard

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Kaelyn Sperle	KPRG	4/24/25	1435	FedEx		4/24/25	1435
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				Stephanie Hernandez		4/25/25	0940
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments.

TAL-4124-500 (1209)

5/30/2025

Do Not Lift Using This Tag

48

Eurofins Chicago
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 (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-200085.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-267407-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 5/15/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton CCR	Project #: 50011612			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-24 (500-267407-1)	4/24/25	09:25 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/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	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	04/25/25 16:00	EETA	M. Pinetta	APR 28 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267407-2

Login Number: 267407
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-267407-2

Login Number: 267407
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 </= 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.

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24 RAD)

Job ID: 500-267407-2

Client Sample ID: MW-24

Date Collected: 04/24/25 09:25
Date Received: 04/25/25 09:40

Lab Sample ID: 500-267407-1

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	720095	SWS	EET SL	05/30/25 07:41
Total/NA	Prep	PrecSep_0			715676	OGC	EET SL	05/01/25 16:21
Total/NA	Analysis	904.0		1	719805	SWS	EET SL	05/29/25 11:52
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.
Job ID: 500-267407-2
Project/Site: Powerton CCR (MW-24 RAD)

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR (MW-24 RAD)

Job ID: 500-267407-2

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)
500-267407-1	MW-24	76.6
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)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-267407-1	MW-24	76.6	84.5
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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/11/2025 8:12:13 AM

JOB DESCRIPTION

Powerton CCR Resamples

JOB NUMBER

500-265992-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization

Generated
4/11/2025 8:12:13 AM

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

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Job ID: 500-265992-1 — Eurofins Chicago

Job Narrative
500-265992-1

Receipt
The samples were received on 3/29/2025 9:45 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 0.0°C.

Receipt Exceptions
Sample #2- COC list total metals however container label only list cobalt. Please confirm, logged total metals.

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

Method Summary

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

Job ID: 500-265992-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
SM 4500 SO4 E	Sulfate, Total	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	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 Resamples

Job ID: 500-265992-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-265992-1	MW-18A	Water	03/28/25 14:25	03/29/25 09:45
500-265992-2	MW-10	Water	03/28/25 13:53	03/29/25 09:45

Client Sample Results

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

Job ID: 500-265992-1

Client Sample ID: MW-18A

Date Collected: 03/28/25 14:25
Date Received: 03/29/25 09:45

Lab Sample ID: 500-265992-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SM 4500 SO4 E)	59		10		mg/L			04/10/25 13:34	2

Client Sample Results

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

Job ID: 500-265992-1

Client Sample ID: MW-10

Date Collected: 03/28/25 13:53
Date Received: 03/29/25 09:45

Lab Sample ID: 500-265992-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0084		0.0010		mg/L		04/02/25 08:34	04/02/25 16:22	1

Definitions/Glossary

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

Job ID: 500-265992-1

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

Job ID: 500-265992-1

Metals

Prep Batch: 812126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265992-2	MW-10	Total Recoverable	Water	3005A	
MB 500-812126/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-812126/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 812296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265992-2	MW-10	Total Recoverable	Water	6020B	812126
MB 500-812126/1-A	Method Blank	Total Recoverable	Water	6020B	812126
LCS 500-812126/2-A	Lab Control Sample	Total Recoverable	Water	6020B	812126

General Chemistry

Analysis Batch: 813267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265992-1	MW-18A	Total/NA	Water	SM 4500 SO4 E	
MB 500-813267/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-813267/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

QC Sample Results

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

Job ID: 500-265992-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-812126/1-A
Matrix: Water
Analysis Batch: 812296

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 812126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.0010		0.0010		mg/L		04/02/25 08:34	04/02/25 16:17	1

Lab Sample ID: LCS 500-812126/2-A
Matrix: Water
Analysis Batch: 812296

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 812126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.500	0.536		mg/L		107	80 - 120

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-813267/16
Matrix: Water
Analysis Batch: 813267

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			04/10/25 13:20	1

Lab Sample ID: LCS 500-813267/17
Matrix: Water
Analysis Batch: 813267

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	22.2		mg/L		111	88 - 123

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: Jack Mismar	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-132937-49657 3
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc.	PWSID:	Analysis Requested		Job #: 12313.1
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			Preservation Codes: D - HNO3, N - None
City: Brookfield	TAT Requested (days): Standard			500-265992
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502160845			
Email: kaelyns@kprginc.com	WO #:			
Project Name: Powerton CCR Event Desc ~~Quarterly~~ Resample Powerton CCR Sampling	Project #: 50011612			Other
Site: NRG Powerton Station	SSOW#:			

500-265992 COC

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N		
~~Duplicate 2~~				Water								
~~Duplicate 3~~				Water								
1 MW-18A	3/28/25	1425	G	Water	N	N				X	1	Resample Sulfate
2 MW-10	3/28/25	1353	G	Water	N	N		X			1	Resample Total Metals

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	Date/Time	Company	Received by	Date/Time	Company
Jack Mismar	3/28/25 1545	KPRG	FedEx	3/28/25 1545	FedEx
			Stephanie Hernandez	3/29/25 0945	EETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.3+0.0

PATRICK ALLENSTEIN
KPRG AND ASSOCIATES, INC
14665 WEST LIBSON ROAD
SUITE 1A
BROOKFIELD, WI 53005
UNITED STATES US
ACTWGT 25 00 LB MAN
CAD. 0780307/CAFE3855
TO SAMPLE RECIEPT
EUROFINS
18410 CROSSING
SUITE E
TINLEY PARK IL
(262) 202-5955
INV
PO
RMA
4614 SAT 03/29 08 30
18410 CROSSING DR
PRIORITY OVERNIGH
726-3058FL
ETP 14
SP PD 100 Y
437605
500-265992 Waybi
FedEx
Express
TRK# 0221 4376 0568 1691
RETURNS MON-SAT
PRIORITY OVERNIGHT
FedEx
TRK# 0221 4376 0568 1691
SATURDAY 12:00P
PRIORITY OVERNIGHT
XO JOTA
489
60487
IL-US ORD

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265992-1

Login Number: 265992
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0
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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab Chronicle

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

Job ID: 500-265992-1

Client Sample ID: MW-18A
Date Collected: 03/28/25 14:25
Date Received: 03/29/25 09:45

Lab Sample ID: 500-265992-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		2	813267	TR	EET CHI	04/10/25 13:34

Client Sample ID: MW-10
Date Collected: 03/28/25 13:53
Date Received: 03/29/25 09:45

Lab Sample ID: 500-265992-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			812126	BDE	EET CHI	04/02/25 08:34 - 04/02/25 14:34 [1]
Total Recoverable	Analysis	6020B		1	812296	RN	EET CHI	04/02/25 16:22

[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 Resamples

Job ID: 500-265992-1

Laboratory: Eurofins Chicago

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

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/30/2025 10:00:59 AM

JOB DESCRIPTION

Powerton CCR MW-24 Resample

JOB NUMBER

500-268842-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

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Job Notes

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Authorization

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Authorized for release by
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Job ID: 500-268842-1 Eurofins Chicago

Job Narrative
500-268842-1

Receipt
The sample was received on 5/23/2025 9:40 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

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

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR MW-24 Resample

Job ID: 500-268842-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI

Protocol References:

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 MW-24 Resample

Job ID: 500-268842-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268842-1	MW-24	Water	05/22/25 08:20	05/23/25 09:40

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR MW-24 Resample

Job ID: 500-268842-1

Client Sample ID: MW-24
Date Collected: 05/22/25 08:20
Date Received: 05/23/25 09:40

Lab Sample ID: 500-268842-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.021		0.0010		mg/L		05/28/25 15:10	05/29/25 14:39	1

Definitions/Glossary

Client: KPRG and Associates, Inc. Job ID: 500-268842-1
Project/Site: Powerton CCR MW-24 Resample

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: 500-268842-1
Project/Site: Powerton CCR MW-24 Resample

Metals

Prep Batch: 819365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268842-1	MW-24	Total Recoverable	Water	3005A	
MB 500-819365/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-819365/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 819629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268842-1	MW-24	Total Recoverable	Water	6020B	819365
MB 500-819365/1-A	Method Blank	Total Recoverable	Water	6020B	819365
LCS 500-819365/2-A	Lab Control Sample	Total Recoverable	Water	6020B	819365

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR MW-24 Resample

Job ID: 500-268842-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-819365/1-A
Matrix: Water
Analysis Batch: 819629

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		05/28/25 15:10	05/29/25 13:28	1

Lab Sample ID: LCS 500-819365/2-A
Matrix: Water
Analysis Batch: 819629

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 819365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0984		mg/L		98	80 - 120

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: Jack Misner	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-136156-49657 3
Client Contact: Kaelyn Sperle	Phone: 262-622-1143	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: IL	Page: Page 1 of 1
Company: KPRG and Associates, Inc	PWSID:			Job #: 12313.1

Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:	
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 #:	
Project Name: Powerton CCR Event Desc. Quarterly Powerton CCR Sampling	Project #: 50011612	
Site: Powerton Station	SSOW#:	

Analysis Requested

500-268842 COC

Preservation Codes: D HNO3, N - None

500-268842

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)	903.0, 904.0	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E	SM4500_SO4_E - Sulfate	Arsenic	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	D		
~~Duplicate-2~~ MW-24	5/22/2025	0820	G	Water	N	N					X	1	Resample Arsenic Only
~~Duplicate-3~~				Water									
				Water									
				Water									

Other

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	Date/Time	Company	Received by	Date/Time	Company
1	Jack Misner	5/22/2025 1415	KPRG	FedEx	5/22/2025 1415	FedEx
2				Stephanie Hernandez	5/23/25 0940	EEA
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.5-1.9

Ver: 10/10/2024

500-268842 Waybi

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-268842-1

Login Number: 268842
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab Chronicle

Client: KPRG and Associates, Inc.
Job ID: 500-268842-1
Project/Site: Powerton CCR MW-24 Resample

Client Sample ID: MW-24
Lab Sample ID: 500-268842-1

Date Collected: 05/22/25 08:20
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 Recoverable	Prep	3005A			819365	S1Z	EET CHI	05/28/25 15:10 - 05/28/25 21:11 [1]
Total Recoverable	Analysis	6020B		1	819629	RN	EET CHI	05/29/25 14:39

[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. Job ID: 500-268842-1
Project/Site: Powerton CCR MW-24 Resample

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/24/2025 8:54:30 AM

JOB DESCRIPTION

Powerton MWG New Rule Comlpiance

JOB NUMBER

500-264516-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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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Job ID: 500-264516-1 Eurofins Chicago

Job Narrative
500-264516-1

Receipt
The samples were received on 2/27/2025 10:28 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were -0.2º C, -0.1º C and 2.9º C.

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

General Chemistry
Method 9045C (pH): The following sample(s) was analyzed outside of analytical holding time. MW-24A (500-264516-1).

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

Method Summary

Client: KPRG and Associates, Inc.
Job ID: 500-264516-1
Project/Site: Powerton MWG New Rule Comlpiance

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
2540G-2015	Total, Fixed, and Volatile Solids	SM	EET PIT
300.0	Anions, Ion Chromatography	EPA	EET CHI
9045C	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 2710F	Specific Gravity, Density	SM	EET CHI
SM 4500 Cl- E	Chloride, Total	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
SM 4500 H+ B	pH	SM	EET CHI
SM 4500 SO4 E	Sulfate, Total	SM	EET CHI
1312	SPLP Extraction	SW846	EET CHI
300_Prep	Anions, Ion Chromatography, 10% Wt/Vol	EPA	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
7471B	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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: KPRG and Associates, Inc.
Job ID: 500-264516-1
Project/Site: Powerton MWG New Rule Comlpiance

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264516-1	MW-24A	Solid	02/26/25 11:20	02/27/25 10:28
500-264516-2	B-7A-1	Solid	02/26/25 13:00	02/27/25 10:28
500-264516-3	B-7A-2	Solid	02/26/25 13:00	02/27/25 10:28
500-264516-4	B-5A-1	Solid	02/26/25 17:00	02/27/25 10:28
500-264516-5	B-5A-2	Solid	02/26/25 17:00	02/27/25 10:28
500-264516-6	IC-2	Water	02/25/25 11:35	02/27/25 10:28
500-264516-7	IC-3	Water	02/25/25 12:10	02/27/25 10:28
500-264516-8	IC-4	Water	02/25/25 13:00	02/27/25 10:28
500-264516-9	PW-2	Water	02/25/25 15:50	02/27/25 10:28
500-264516-10	PW-1	Water	02/25/25 16:25	02/27/25 10:28

Client Sample ID: MW-24A

Date Collected: 02/26/25 11:20
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-1

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<9.3	F1	9.3		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Arsenic	**5.2**		4.6		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Barium	**230**	**F1**	0.93		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Beryllium	**6.2**		1.9		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Boron	**260**	**F1**	4.6		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Cadmium	<0.93		0.93		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Calcium	**26000**		19		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Chromium	**160**	**F2**	0.93		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Cobalt	**20**		9.3		mg/Kg		03/11/25 18:29	03/20/25 12:51	20
Lead	**5.7**	**F1**	2.3		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Lithium	**20**		0.93		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Molybdenum	**13**		4.6		mg/Kg		03/11/25 18:29	03/19/25 20:01	5
Selenium	<0.93	F1	0.93		mg/Kg		03/11/25 18:29	03/18/25 18:08	1
Thallium	**4.9**		4.6		mg/Kg		03/11/25 18:29	03/19/25 20:01	5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 01:39	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 01:39	1
Boron	<0.10		0.10		mg/L		03/03/25 08:26	03/06/25 01:39	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Calcium	**8.0**		2.5		mg/L		03/03/25 08:26	03/06/25 01:39	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:39	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:39	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:39	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:39	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.016		mg/Kg		03/17/25 15:05	03/18/25 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	**160**		9.9		mg/Kg		03/06/25 10:46	03/07/25 20:46	1
pH (SW846 9045C)	**5.4**	**H**	0.2		SU			03/06/25 13:13	1
Density (SM 2710F)	**2.3030**				g/cc			03/03/25 15:29	1
Chloride (SM 4500 Cl- E)	<18		18		mg/Kg		03/10/25 10:45	03/10/25 10:44	1
Fluoride (SM 4500 F C)	<0.99		0.99		mg/Kg		03/19/25 08:58	03/19/25 14:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ash Content (SM 2540G-2015)	**82**		0.50		%			02/28/25 15:02	1
Total Solids (SM 2540G-2015)	**92**		0.50		%			02/28/25 15:02	1

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: MW-24A
Date Collected: 02/26/25 11:20
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-1
Matrix: Solid

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Volatile Solids (SM 2540G-2015)	11		0.50		%			02/28/25 15:02	1

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: B-7A-1

Date Collected: 02/26/25 13:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-2

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<9.9		9.9		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Arsenic	<4.9		4.9		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Barium	**230**		0.99		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Beryllium	**5.8**		2.0		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Boron	**240**		4.9		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Cadmium	<0.99		0.99		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Calcium	**26000**		20		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Chromium	**100**		0.99		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Cobalt	**14**		9.9		mg/Kg		03/11/25 18:29	03/20/25 13:12	20
Lead	**4.3**		2.5		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Lithium	**21**		0.99		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Molybdenum	**11**		4.9		mg/Kg		03/11/25 18:29	03/19/25 20:23	5
Selenium	<0.99		0.99		mg/Kg		03/11/25 18:29	03/18/25 18:40	1
Thallium	<4.9		4.9		mg/Kg		03/11/25 18:29	03/19/25 20:23	5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 01:43	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 01:43	1
Boron	<0.10		0.10		mg/L		03/03/25 08:26	03/06/25 01:43	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Calcium	**11**		2.5		mg/L		03/03/25 08:26	03/06/25 01:43	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:43	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:43	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:43	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:43	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.016		0.016		mg/Kg		03/17/25 15:05	03/18/25 11:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	**38**		9.9		mg/Kg		03/06/25 10:46	03/07/25 21:01	1
Chloride (SM 4500 Cl- E)	**24**		20		mg/Kg		03/10/25 10:45	03/10/25 10:44	1
Fluoride (SM 4500 F C)	<1.0		1.0		mg/Kg		03/19/25 08:58	03/19/25 14:05	1

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: B-7A-2

Date Collected: 02/26/25 13:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-3

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<9.3		9.3		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Arsenic	<4.7		4.7		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Barium	**170**		0.93		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Beryllium	**3.9**		1.9		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Boron	**190**		4.7		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Cadmium	<0.93		0.93		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Calcium	**28000**		19		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Chromium	**63**		0.93		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Cobalt	**13**		4.7		mg/Kg		03/11/25 18:29	03/20/25 13:16	10
Lead	**5.3**		2.3		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Lithium	**21**		0.93		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Molybdenum	**7.9**		4.7		mg/Kg		03/11/25 18:29	03/19/25 20:27	5
Selenium	<0.93		0.93		mg/Kg		03/11/25 18:29	03/18/25 18:44	1
Thallium	<4.7		4.7		mg/Kg		03/11/25 18:29	03/19/25 20:27	5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 01:48	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 01:48	1
Boron	<0.10		0.10		mg/L		03/03/25 08:26	03/06/25 01:48	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Calcium	**12**		2.5		mg/L		03/03/25 08:26	03/06/25 01:48	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:48	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:48	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:48	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:48	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**		0.016		mg/Kg		03/17/25 15:05	03/18/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	**30**		10		mg/Kg		03/06/25 10:46	03/07/25 21:17	1
Chloride (SM 4500 Cl- E)	**31**		19		mg/Kg		03/10/25 10:45	03/10/25 10:44	1
Fluoride (SM 4500 F C)	<1.0		1.0		mg/Kg		03/19/25 08:58	03/19/25 14:10	1

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: B-5A-1

Date Collected: 02/26/25 17:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-4

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<9.0		9.0		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Arsenic	<4.5		4.5		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Barium	**250**		0.90		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Beryllium	**6.3**		1.8		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Boron	**280**		4.5		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Cadmium	<0.90		0.90		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Calcium	**28000**		18		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Chromium	**140**		0.90		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Cobalt	**19**		9.0		mg/Kg		03/11/25 18:29	03/20/25 13:21	20
Lead	**5.8**		2.2		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Lithium	**26**		0.90		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Molybdenum	**14**		4.5		mg/Kg		03/11/25 18:29	03/19/25 20:31	5
Selenium	<0.90		0.90		mg/Kg		03/11/25 18:29	03/18/25 18:49	1
Thallium	<4.5		4.5		mg/Kg		03/11/25 18:29	03/19/25 20:31	5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 01:52	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 01:52	1
Boron	**0.11**		0.10		mg/L		03/03/25 08:26	03/06/25 01:52	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Calcium	**15**		2.5		mg/L		03/03/25 08:26	03/06/25 01:52	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:52	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:52	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:52	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:52	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.015		mg/Kg		03/17/25 15:05	03/18/25 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	**200**		10		mg/Kg		03/06/25 10:46	03/07/25 21:33	1
Chloride (SM 4500 Cl- E)	**46**		18		mg/Kg		03/10/25 10:45	03/10/25 10:44	1
Fluoride (SM 4500 F C)	**1.5**		1.0		mg/Kg		03/19/25 08:58	03/19/25 14:15	1

Client Sample ID: B-5A-2

Date Collected: 02/26/25 17:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-5

Matrix: Solid

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<8.6		8.6		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Arsenic	**5.1**		4.3		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Barium	**320**		4.3		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Beryllium	**6.1**		1.7		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Boron	**260**		4.3		mg/Kg		03/11/25 18:29	03/18/25 18:53	1
Cadmium	<0.86		0.86		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Calcium	**31000**		17		mg/Kg		03/11/25 18:29	03/18/25 18:53	1
Chromium	**250**		4.3		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Cobalt	**18**		8.6		mg/Kg		03/11/25 18:29	03/20/25 13:25	20
Lead	**7.0**		2.1		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Lithium	**23**		0.86		mg/Kg		03/11/25 18:29	03/18/25 18:53	1
Molybdenum	**14**		4.3		mg/Kg		03/11/25 18:29	03/19/25 20:35	5
Selenium	<0.86		0.86		mg/Kg		03/11/25 18:29	03/18/25 18:53	1
Thallium	<4.3		4.3		mg/Kg		03/11/25 18:29	03/19/25 20:35	5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 01:57	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 01:57	1
Boron	<0.10		0.10		mg/L		03/03/25 08:26	03/06/25 01:57	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Calcium	**13**		2.5		mg/L		03/03/25 08:26	03/06/25 01:57	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:57	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:57	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 01:57	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 01:57	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**		0.016		mg/Kg		03/17/25 15:05	03/18/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (EPA 300.0)	**190**		10		mg/Kg		03/06/25 10:46	03/07/25 21:48	1
Chloride (SM 4500 Cl- E)	**64**		19		mg/Kg		03/10/25 10:45	03/10/25 10:45	1
Fluoride (SM 4500 F C)	**2.2**		1.0		mg/Kg		03/19/25 08:58	03/19/25 14:20	1

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: IC-2

Date Collected: 02/25/25 11:35
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:07	1
Boron	**2.2**		0.050		mg/L		03/04/25 08:32	03/06/25 15:02	1
Barium	**0.058**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:07	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/06/25 15:02	1
Calcium	**79**		0.20		mg/L		03/04/25 08:32	03/05/25 19:07	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:07	1
Cobalt	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:07	1
Chromium	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:07	1
Molybdenum	**0.0086**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:07	1
Lead	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:07	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:07	1
Selenium	**0.0033**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:07	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:07	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 09:03	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 13:08	1
Chloride (SM 4500 Cl- E)	**77**		4.0		mg/L			03/10/25 14:36	2
Fluoride (SM 4500 F C)	**0.24**		0.10		mg/L			03/06/25 18:05	1
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1		SU			03/11/25 16:14	1
Sulfate (SM 4500 SO4 E)	**140**		25		mg/L			03/11/25 14:43	5

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: IC-3

Date Collected: 02/25/25 12:10
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:19	1
Boron	**2.5**		0.050		mg/L		03/04/25 08:32	03/06/25 15:15	1
Barium	**0.057**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:19	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/06/25 15:15	1
Calcium	**82**		0.20		mg/L		03/04/25 08:32	03/05/25 19:19	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:19	1
Cobalt	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:19	1
Chromium	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:19	1
Molybdenum	**0.0095**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:19	1
Lead	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:19	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:19	1
Selenium	**0.0039**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:19	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:19	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**610**		10		mg/L			03/04/25 13:11	1
Chloride (SM 4500 Cl- E)	**78**		4.0		mg/L			03/10/25 14:36	2
Fluoride (SM 4500 F C)	**0.25**		0.10		mg/L			03/06/25 18:10	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			03/11/25 16:14	1
Sulfate (SM 4500 SO4 E)	**150**		25		mg/L			03/23/25 15:54	5

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: IC-4

Date Collected: 02/25/25 13:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:21	1
Boron	**2.2**		0.050		mg/L		03/04/25 08:32	03/06/25 15:18	1
Barium	**0.058**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:21	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/06/25 15:18	1
Calcium	**82**		0.20		mg/L		03/04/25 08:32	03/05/25 19:21	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:21	1
Cobalt	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:21	1
Chromium	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:21	1
Molybdenum	**0.0090**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:21	1
Lead	**0.00053**		0.00050		mg/L		03/04/25 08:32	03/05/25 19:21	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:21	1
Selenium	**0.0042**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:21	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:21	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 09:07	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 13:13	1
Chloride (SM 4500 Cl- E)	**80**		4.0		mg/L			03/10/25 14:37	2
Fluoride (SM 4500 F C)	**0.25**		0.10		mg/L			03/06/25 18:15	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			03/11/25 16:14	1
Sulfate (SM 4500 SO4 E)	**140**		25		mg/L			03/11/25 14:42	5

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: PW-2

Date Collected: 02/25/25 15:50
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0022**		0.0010		mg/L		03/04/25 08:32	03/05/25 19:24	1
Boron	**1.6**		0.050		mg/L		03/04/25 08:32	03/06/25 15:20	1
Barium	**0.071**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:24	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/06/25 15:20	1
Calcium	**63**		0.20		mg/L		03/04/25 08:32	03/05/25 19:24	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:24	1
Cobalt	**0.0015**		0.0010		mg/L		03/04/25 08:32	03/05/25 19:24	1
Chromium	**0.0073**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:24	1
Molybdenum	**0.011**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:24	1
Lead	**0.0041**		0.00050		mg/L		03/04/25 08:32	03/05/25 19:24	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:24	1
Selenium	**0.0035**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:24	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:24	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**370**		10		mg/L			03/04/25 13:15	1
Chloride (SM 4500 Cl- E)	**54**		4.0		mg/L			03/10/25 14:38	2
Fluoride (SM 4500 F C)	**0.18**		0.10		mg/L			03/06/25 18:19	1
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1		SU			03/11/25 16:14	1
Sulfate (SM 4500 SO4 E)	**92**		10		mg/L			03/11/25 14:41	2

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: PW-1

Date Collected: 02/25/25 16:25
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:31	1
Boron	**1.7**		0.050		mg/L		03/04/25 08:32	03/06/25 17:58	1
Barium	**0.046**		0.0025		mg/L		03/04/25 08:32	03/05/25 19:31	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:31	1
Calcium	**55**		0.20		mg/L		03/04/25 08:32	03/05/25 19:31	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:31	1
Cobalt	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:31	1
Chromium	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:31	1
Molybdenum	**0.011**		0.0050		mg/L		03/04/25 08:32	03/05/25 19:31	1
Lead	**0.00089**		0.00050		mg/L		03/04/25 08:32	03/05/25 19:31	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:31	1
Selenium	<0.0025		0.0025		mg/L		03/04/25 08:32	03/05/25 19:31	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:31	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**390**		10		mg/L			03/04/25 13:17	1
Chloride (SM 4500 Cl- E)	**55**		4.0		mg/L			03/10/25 14:38	2
Fluoride (SM 4500 F C)	**0.19**		0.10		mg/L			03/06/25 18:23	1
pH (SM 4500 H+ B)	**7.8**	**HF**	0.1		SU			03/11/25 16:14	1
Sulfate (SM 4500 SO4 E)	**94**		10		mg/L			03/11/25 14:41	2

Definitions/Glossary

Client: KPRG and Associates, Inc. Job ID: 500-264516-1
Project/Site: Powerton MWG New Rule Comlpiance

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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

Metals

Leach Batch: 808157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	SPLP East	Solid	1312	
500-264516-2	B-7A-1	SPLP East	Solid	1312	
500-264516-3	B-7A-2	SPLP East	Solid	1312	
500-264516-4	B-5A-1	SPLP East	Solid	1312	
500-264516-5	B-5A-2	SPLP East	Solid	1312	
LB 500-808157/1-B	Method Blank	SPLP East	Solid	1312	
LB 500-808157/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 808302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	SPLP East	Solid	3010A	808157
500-264516-2	B-7A-1	SPLP East	Solid	3010A	808157
500-264516-3	B-7A-2	SPLP East	Solid	3010A	808157
500-264516-4	B-5A-1	SPLP East	Solid	3010A	808157
500-264516-5	B-5A-2	SPLP East	Solid	3010A	808157
LB 500-808157/1-B	Method Blank	SPLP East	Solid	3010A	808157
LCS 500-808302/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 808473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total Recoverable	Water	3005A	
500-264516-7	IC-3	Total Recoverable	Water	3005A	
500-264516-8	IC-4	Total Recoverable	Water	3005A	
500-264516-9	PW-2	Total Recoverable	Water	3005A	
500-264516-10	PW-1	Total Recoverable	Water	3005A	
MB 500-808473/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-808473/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-264516-6 MS	IC-2	Total Recoverable	Water	3005A	
500-264516-6 MSD	IC-2	Total Recoverable	Water	3005A	
500-264516-6 DU	IC-2	Total Recoverable	Water	3005A	

Prep Batch: 808528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	SPLP East	Solid	7470A	808157
500-264516-2	B-7A-1	SPLP East	Solid	7470A	808157
500-264516-3	B-7A-2	SPLP East	Solid	7470A	808157
500-264516-4	B-5A-1	SPLP East	Solid	7470A	808157
500-264516-5	B-5A-2	SPLP East	Solid	7470A	808157
LB 500-808157/1-C	Method Blank	SPLP East	Solid	7470A	808157
MB 500-808528/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-808528/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 808714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	SPLP East	Solid	7470A	808528
500-264516-2	B-7A-1	SPLP East	Solid	7470A	808528
500-264516-3	B-7A-2	SPLP East	Solid	7470A	808528
500-264516-4	B-5A-1	SPLP East	Solid	7470A	808528
500-264516-5	B-5A-2	SPLP East	Solid	7470A	808528
LB 500-808157/1-C	Method Blank	SPLP East	Solid	7470A	808528
MB 500-808528/12-A	Method Blank	Total/NA	Solid	7470A	808528

Metals (Continued)

Analysis Batch: 808714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-808528/14-A	Lab Control Sample	Total/NA	Solid	7470A	808528

Analysis Batch: 808819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total Recoverable	Water	6020B	808473
500-264516-7	IC-3	Total Recoverable	Water	6020B	808473
500-264516-8	IC-4	Total Recoverable	Water	6020B	808473
500-264516-9	PW-2	Total Recoverable	Water	6020B	808473
500-264516-10	PW-1	Total Recoverable	Water	6020B	808473
MB 500-808473/1-A	Method Blank	Total Recoverable	Water	6020B	808473
LCS 500-808473/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808473
500-264516-6 MS	IC-2	Total Recoverable	Water	6020B	808473
500-264516-6 MSD	IC-2	Total Recoverable	Water	6020B	808473
500-264516-6 DU	IC-2	Total Recoverable	Water	6020B	808473

Analysis Batch: 808845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	SPLP East	Solid	6010D	808302
500-264516-2	B-7A-1	SPLP East	Solid	6010D	808302
500-264516-3	B-7A-2	SPLP East	Solid	6010D	808302
500-264516-4	B-5A-1	SPLP East	Solid	6010D	808302
500-264516-5	B-5A-2	SPLP East	Solid	6010D	808302
LB 500-808157/1-B	Method Blank	SPLP East	Solid	6010D	808302
LCS 500-808302/2-A	Lab Control Sample	Total/NA	Solid	6010D	808302

Analysis Batch: 809039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total Recoverable	Water	6020B	808473
500-264516-7	IC-3	Total Recoverable	Water	6020B	808473
500-264516-8	IC-4	Total Recoverable	Water	6020B	808473
500-264516-9	PW-2	Total Recoverable	Water	6020B	808473
500-264516-10	PW-1	Total Recoverable	Water	6020B	808473
MB 500-808473/1-A	Method Blank	Total Recoverable	Water	6020B	808473
LCS 500-808473/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808473
500-264516-6 MS	IC-2	Total Recoverable	Water	6020B	808473
500-264516-6 MSD	IC-2	Total Recoverable	Water	6020B	808473
500-264516-6 DU	IC-2	Total Recoverable	Water	6020B	808473

Prep Batch: 809541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	3050B	
500-264516-2	B-7A-1	Total/NA	Solid	3050B	
500-264516-3	B-7A-2	Total/NA	Solid	3050B	
500-264516-4	B-5A-1	Total/NA	Solid	3050B	
500-264516-5	B-5A-2	Total/NA	Solid	3050B	
MB 500-809541/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-809541/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-264516-1 MS	MW-24A	Total/NA	Solid	3050B	
500-264516-1 MSD	MW-24A	Total/NA	Solid	3050B	
500-264516-1 DU	MW-24A	Total/NA	Solid	3050B	

Metals

Prep Batch: 809934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	7470A	
500-264516-7	IC-3	Total/NA	Water	7470A	
500-264516-8	IC-4	Total/NA	Water	7470A	
500-264516-9	PW-2	Total/NA	Water	7470A	
500-264516-10	PW-1	Total/NA	Water	7470A	
MB 500-809934/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-809934/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-264516-8 MS	IC-4	Total/NA	Water	7470A	
500-264516-8 MSD	IC-4	Total/NA	Water	7470A	
500-264516-8 DU	IC-4	Total/NA	Water	7470A	

Prep Batch: 810071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	7471B	
500-264516-2	B-7A-1	Total/NA	Solid	7471B	
500-264516-3	B-7A-2	Total/NA	Solid	7471B	
500-264516-4	B-5A-1	Total/NA	Solid	7471B	
500-264516-5	B-5A-2	Total/NA	Solid	7471B	
MB 500-810071/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-810071/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 810137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	7470A	809934
500-264516-7	IC-3	Total/NA	Water	7470A	809934
500-264516-8	IC-4	Total/NA	Water	7470A	809934
500-264516-9	PW-2	Total/NA	Water	7470A	809934
500-264516-10	PW-1	Total/NA	Water	7470A	809934
MB 500-809934/12-A	Method Blank	Total/NA	Water	7470A	809934
LCS 500-809934/13-A	Lab Control Sample	Total/NA	Water	7470A	809934
500-264516-8 MS	IC-4	Total/NA	Water	7470A	809934
500-264516-8 MSD	IC-4	Total/NA	Water	7470A	809934
500-264516-8 DU	IC-4	Total/NA	Water	7470A	809934

Analysis Batch: 810307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	7471B	810071
500-264516-2	B-7A-1	Total/NA	Solid	7471B	810071
500-264516-3	B-7A-2	Total/NA	Solid	7471B	810071
500-264516-4	B-5A-1	Total/NA	Solid	7471B	810071
500-264516-5	B-5A-2	Total/NA	Solid	7471B	810071
MB 500-810071/12-A	Method Blank	Total/NA	Solid	7471B	810071
LCS 500-810071/13-A	Lab Control Sample	Total/NA	Solid	7471B	810071

Analysis Batch: 810395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	6010D	809541
500-264516-2	B-7A-1	Total/NA	Solid	6010D	809541
500-264516-3	B-7A-2	Total/NA	Solid	6010D	809541
500-264516-4	B-5A-1	Total/NA	Solid	6010D	809541
500-264516-5	B-5A-2	Total/NA	Solid	6010D	809541

Metals (Continued)

Analysis Batch: 810395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-809541/1-A	Method Blank	Total/NA	Solid	6010D	809541
LCS 500-809541/2-A	Lab Control Sample	Total/NA	Solid	6010D	809541
500-264516-1 MS	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 MSD	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 DU	MW-24A	Total/NA	Solid	6010D	809541

Analysis Batch: 810566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	6010D	809541
500-264516-2	B-7A-1	Total/NA	Solid	6010D	809541
500-264516-3	B-7A-2	Total/NA	Solid	6010D	809541
500-264516-4	B-5A-1	Total/NA	Solid	6010D	809541
500-264516-5	B-5A-2	Total/NA	Solid	6010D	809541
500-264516-1 MS	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 MSD	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 DU	MW-24A	Total/NA	Solid	6010D	809541

Analysis Batch: 810661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	6010D	809541
500-264516-2	B-7A-1	Total/NA	Solid	6010D	809541
500-264516-3	B-7A-2	Total/NA	Solid	6010D	809541
500-264516-4	B-5A-1	Total/NA	Solid	6010D	809541
500-264516-5	B-5A-2	Total/NA	Solid	6010D	809541
500-264516-1 MS	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 MSD	MW-24A	Total/NA	Solid	6010D	809541
500-264516-1 DU	MW-24A	Total/NA	Solid	6010D	809541

General Chemistry

Analysis Batch: 491149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	2540G-2015	

Analysis Batch: 808424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	SM 2710F	

Analysis Batch: 808561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	SM 2540C	
500-264516-7	IC-3	Total/NA	Water	SM 2540C	
500-264516-8	IC-4	Total/NA	Water	SM 2540C	
500-264516-9	PW-2	Total/NA	Water	SM 2540C	
500-264516-10	PW-1	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	

Prep Batch: 808881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	300_Prep	

General Chemistry (Continued)

Prep Batch: 808881 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-2	B-7A-1	Total/NA	Solid	300_Prep	
500-264516-3	B-7A-2	Total/NA	Solid	300_Prep	
500-264516-4	B-5A-1	Total/NA	Solid	300_Prep	
500-264516-5	B-5A-2	Total/NA	Solid	300_Prep	
MB 500-808881/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 500-808881/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 808920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	9045C	
LCS 500-808920/53	Lab Control Sample	Total/NA	Solid	9045C	
LCSD 500-808920/54	Lab Control Sample Dup	Total/NA	Solid	9045C	

Analysis Batch: 809021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	300.0	808881
500-264516-2	B-7A-1	Total/NA	Solid	300.0	808881
500-264516-3	B-7A-2	Total/NA	Solid	300.0	808881
500-264516-4	B-5A-1	Total/NA	Solid	300.0	808881
500-264516-5	B-5A-2	Total/NA	Solid	300.0	808881
MB 500-808881/1-A	Method Blank	Total/NA	Solid	300.0	808881
LCS 500-808881/2-A	Lab Control Sample	Total/NA	Solid	300.0	808881

Analysis Batch: 809059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	SM 4500 F C	
500-264516-7	IC-3	Total/NA	Water	SM 4500 F C	
500-264516-8	IC-4	Total/NA	Water	SM 4500 F C	
500-264516-9	PW-2	Total/NA	Water	SM 4500 F C	
500-264516-10	PW-1	Total/NA	Water	SM 4500 F C	
MB 500-809059/59	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-809059/60	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	Moisture	
500-264516-2	B-7A-1	Total/NA	Solid	Moisture	
500-264516-3	B-7A-2	Total/NA	Solid	Moisture	
500-264516-4	B-5A-1	Total/NA	Solid	Moisture	
500-264516-5	B-5A-2	Total/NA	Solid	Moisture	
500-264516-1 DU	MW-24A	Total/NA	Solid	Moisture	

Prep Batch: 809284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	300_Prep	
500-264516-2	B-7A-1	Total/NA	Solid	300_Prep	
500-264516-3	B-7A-2	Total/NA	Solid	300_Prep	
500-264516-4	B-5A-1	Total/NA	Solid	300_Prep	
500-264516-5	B-5A-2	Total/NA	Solid	300_Prep	
MB 500-809284/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 500-809284/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

General Chemistry (Continued)

Prep Batch: 809284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-5 MS	B-5A-2	Total/NA	Solid	300_Prep	
500-264516-5 MSD	B-5A-2	Total/NA	Solid	300_Prep	

Analysis Batch: 809384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-2	B-7A-1	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-3	B-7A-2	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-4	B-5A-1	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-5	B-5A-2	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-6	IC-2	Total/NA	Water	SM 4500 Cl- E	
500-264516-7	IC-3	Total/NA	Water	SM 4500 Cl- E	
500-264516-8	IC-4	Total/NA	Water	SM 4500 Cl- E	
500-264516-9	PW-2	Total/NA	Water	SM 4500 Cl- E	
500-264516-10	PW-1	Total/NA	Water	SM 4500 Cl- E	
MB 500-809284/1-A	Method Blank	Total/NA	Solid	SM 4500 Cl- E	809284
MB 500-809384/102	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-809284/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 Cl- E	809284
LCS 500-809384/103	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-264516-5 MS	B-5A-2	Total/NA	Solid	SM 4500 Cl- E	809284
500-264516-5 MSD	B-5A-2	Total/NA	Solid	SM 4500 Cl- E	809284

Analysis Batch: 809488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	SM 4500 H+ B	
500-264516-7	IC-3	Total/NA	Water	SM 4500 H+ B	
500-264516-8	IC-4	Total/NA	Water	SM 4500 H+ B	
500-264516-9	PW-2	Total/NA	Water	SM 4500 H+ B	
500-264516-10	PW-1	Total/NA	Water	SM 4500 H+ B	
LCS 500-809488/5	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 500-809488/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
500-264516-6 DU	IC-2	Total/NA	Water	SM 4500 H+ B	
500-264516-7 DU	IC-3	Total/NA	Water	SM 4500 H+ B	
500-264516-8 DU	IC-4	Total/NA	Water	SM 4500 H+ B	
500-264516-9 DU	PW-2	Total/NA	Water	SM 4500 H+ B	
500-264516-10 DU	PW-1	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 809591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	SM 4500 SO4 E	
500-264516-8	IC-4	Total/NA	Water	SM 4500 SO4 E	
500-264516-9	PW-2	Total/NA	Water	SM 4500 SO4 E	
500-264516-10	PW-1	Total/NA	Water	SM 4500 SO4 E	
MB 500-809591/149	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-809591/150	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 810513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	SM 4500 F C	810524
500-264516-2	B-7A-1	Total/NA	Solid	SM 4500 F C	810524
500-264516-3	B-7A-2	Total/NA	Solid	SM 4500 F C	810524

General Chemistry (Continued)

Analysis Batch: 810513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-4	B-5A-1	Total/NA	Solid	SM 4500 F C	810524
500-264516-5	B-5A-2	Total/NA	Solid	SM 4500 F C	810524
MB 500-810524/1-A	Method Blank	Total/NA	Solid	SM 4500 F C	810524
LCS 500-810524/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 F C	810524

Prep Batch: 810524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	300_Prep	
500-264516-2	B-7A-1	Total/NA	Solid	300_Prep	
500-264516-3	B-7A-2	Total/NA	Solid	300_Prep	
500-264516-4	B-5A-1	Total/NA	Solid	300_Prep	
500-264516-5	B-5A-2	Total/NA	Solid	300_Prep	
MB 500-810524/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 500-810524/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 810911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-7	IC-3	Total/NA	Water	SM 4500 SO4 E	
MB 500-810911/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-810911/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-808302/2-A
Matrix: Solid
Analysis Batch: 808845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 808302

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	0.100		mg/L		100	80 - 120
Barium	0.500	0.507		mg/L		101	80 - 120
Beryllium	0.0500	0.0515		mg/L		103	80 - 120
Boron	1.00	0.988		mg/L		99	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Calcium	10.0	10.8		mg/L		108	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.516		mg/L		103	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Lithium	0.100	0.111		mg/L		111	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.0979		mg/L		98	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: MB 500-809541/1-A
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 809541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Arsenic	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Barium	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Beryllium	<0.40		0.40		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Boron	<5.0		5.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Cadmium	<0.20		0.20		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Calcium	<20		20		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Chromium	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Cobalt	<0.50		0.50		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Lead	<0.50		0.50		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Lithium	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Molybdenum	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Selenium	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1
Thallium	<1.0		1.0		mg/Kg		03/11/25 18:29	03/18/25 18:00	1

Lab Sample ID: LCS 500-809541/2-A
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	52.9		mg/Kg		106	80 - 120
Arsenic	10.0	9.11		mg/Kg		91	80 - 120
Barium	200	197		mg/Kg		98	80 - 120
Beryllium	5.00	4.48		mg/Kg		90	80 - 120
Boron	100	104		mg/Kg		104	80 - 120
Cadmium	5.00	5.10		mg/Kg		102	80 - 120
Calcium	1000	972		mg/Kg		97	80 - 120
Chromium	20.0	19.4		mg/Kg		97	80 - 120
Cobalt	50.0	51.3		mg/Kg		103	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-809541/2-A
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	10.0	10.5		mg/Kg		105	80 - 120
Lithium	50.0	50.2		mg/Kg		100	80 - 120
Molybdenum	100	104		mg/Kg		104	80 - 120
Selenium	10.0	8.82		mg/Kg		88	80 - 120
Thallium	10.0	10.1		mg/Kg		101	80 - 120

Lab Sample ID: 500-264516-1 MS
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	230	F1	189	355	F1	mg/Kg		67	75 - 125
Boron	260	F1	94.3	321	F1	mg/Kg		65	75 - 125
Calcium	26000		943	26000	4	mg/Kg		-2	75 - 125
Chromium	160	F2	18.9	184	4	mg/Kg		139	75 - 125
Lithium	20		47.1	57.3		mg/Kg		79	75 - 125
Selenium	<0.93	F1	9.43	6.55	F1	mg/Kg		69	75 - 125

Lab Sample ID: 500-264516-1 MS
Matrix: Solid
Analysis Batch: 810566

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<9.3	F1	47.1	<9.4	F1	mg/Kg		16	75 - 125
Arsenic	5.2		9.43	15.6		mg/Kg		110	75 - 125
Beryllium	6.2		4.71	9.93		mg/Kg		79	75 - 125
Cadmium	<0.93		4.71	4.56		mg/Kg		97	75 - 125
Lead	5.7	F1	9.43	17.5		mg/Kg		125	75 - 125
Molybdenum	13		94.3	99.4		mg/Kg		91	75 - 125
Thallium	4.9		9.43	13.1		mg/Kg		87	75 - 125

Lab Sample ID: 500-264516-1 MS
Matrix: Solid
Analysis Batch: 810661

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	20		47.1	59.2		mg/Kg		84	75 - 125

Lab Sample ID: 500-264516-1 MSD
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	230	F1	180	333	F1	mg/Kg		58	75 - 125	6	20
Boron	260	F1	90.2	314	F1	mg/Kg		60	75 - 125	2	20
Calcium	26000		902	23800	4	mg/Kg		-254	75 - 125	9	20
Chromium	160	F2	18.0	148	4 F2	mg/Kg		-52	75 - 125	21	20
Lithium	20		45.1	54.8		mg/Kg		77	75 - 125	5	20
Selenium	<0.93	F1	9.02	6.13	F1	mg/Kg		68	75 - 125	7	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-264516-1 MSD
Matrix: Solid
Analysis Batch: 810566

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<9.3	F1	45.1	<9.0	F1	mg/Kg		19	75 - 125	17	20
Arsenic	5.2		9.02	15.7		mg/Kg		116	75 - 125	1	20
Beryllium	6.2		4.51	10.5		mg/Kg		96	75 - 125	6	20
Cadmium	<0.93		4.51	4.61		mg/Kg		102	75 - 125	1	20
Lead	5.7	F1	9.02	17.2	F1	mg/Kg		127	75 - 125	2	20
Molybdenum	13		90.2	102		mg/Kg		98	75 - 125	2	20
Thallium	4.9		9.02	13.3		mg/Kg		94	75 - 125	2	20

Lab Sample ID: 500-264516-1 MSD
Matrix: Solid
Analysis Batch: 810661

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	20		45.1	57.6		mg/Kg		84	75 - 125	3	20

Lab Sample ID: 500-264516-1 DU
Matrix: Solid
Analysis Batch: 810395

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Barium	230	F1		248		mg/Kg				9	20
Boron	260	F1		272		mg/Kg				5	20
Calcium	26000			26100		mg/Kg				0.1	20
Chromium	160	F2		159		mg/Kg				0.7	20
Lithium	20			21.2		mg/Kg				6	20
Selenium	<0.93	F1		<0.98		mg/Kg				NC	20

Lab Sample ID: 500-264516-1 DU
Matrix: Solid
Analysis Batch: 810566

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	<9.3	F1		<9.8		mg/Kg				NC	20
Arsenic	5.2			6.32		mg/Kg				20	20
Beryllium	6.2			6.76		mg/Kg				9	20
Cadmium	<0.93			<0.98		mg/Kg				NC	20
Lead	5.7	F1		7.08	F5	mg/Kg				22	20
Molybdenum	13			12.7		mg/Kg				4	20
Thallium	4.9			<4.9		mg/Kg				NC	20

Lab Sample ID: 500-264516-1 DU
Matrix: Solid
Analysis Batch: 810661

Client Sample ID: MW-24A
Prep Type: Total/NA
Prep Batch: 809541

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cobalt	20			18.4		mg/Kg				6	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 500-808157/1-B
Matrix: Solid
Analysis Batch: 808845

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 808302

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Arsenic	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Barium	<0.50		0.50		mg/L		03/03/25 08:26	03/06/25 00:37	1
Beryllium	<0.0040		0.0040		mg/L		03/03/25 08:26	03/06/25 00:37	1
Boron	<0.10		0.10		mg/L		03/03/25 08:26	03/06/25 00:37	1
Cadmium	<0.0050		0.0050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Calcium	<2.5		2.5		mg/L		03/03/25 08:26	03/06/25 00:37	1
Chromium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 00:37	1
Cobalt	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 00:37	1
Lead	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Lithium	<0.025		0.025		mg/L		03/03/25 08:26	03/06/25 00:37	1
Molybdenum	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Selenium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1
Thallium	<0.050		0.050		mg/L		03/03/25 08:26	03/06/25 00:37	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-808473/1-A
Matrix: Water
Analysis Batch: 808819

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:02	1
Barium	<0.0025		0.0025		mg/L		03/04/25 08:32	03/05/25 19:02	1
Calcium	<0.20		0.20		mg/L		03/04/25 08:32	03/05/25 19:02	1
Cadmium	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:02	1
Cobalt	<0.0010		0.0010		mg/L		03/04/25 08:32	03/05/25 19:02	1
Chromium	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:02	1
Molybdenum	<0.0050		0.0050		mg/L		03/04/25 08:32	03/05/25 19:02	1
Lead	<0.00050		0.00050		mg/L		03/04/25 08:32	03/05/25 19:02	1
Antimony	<0.0030		0.0030		mg/L		03/04/25 08:32	03/05/25 19:02	1
Selenium	<0.0025		0.0025		mg/L		03/04/25 08:32	03/05/25 19:02	1
Thallium	<0.0020		0.0020		mg/L		03/04/25 08:32	03/05/25 19:02	1
Lithium	<0.010		0.010		mg/L		03/04/25 08:32	03/05/25 19:02	1

Lab Sample ID: MB 500-808473/1-A
Matrix: Water
Analysis Batch: 809039

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		03/04/25 08:32	03/06/25 14:57	1
Beryllium	<0.0010		0.0010		mg/L		03/04/25 08:32	03/06/25 14:57	1

Lab Sample ID: LCS 500-808473/2-A
Matrix: Water
Analysis Batch: 808819

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.104		mg/L		104	80 - 120

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

Lab Sample ID: LCS 500-808473/2-A
Matrix: Water
Analysis Batch: 808819

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.500	0.538		mg/L		108	80 - 120
Calcium	10.0	9.44		mg/L		94	80 - 120
Cadmium	0.0500	0.0526		mg/L		105	80 - 120
Cobalt	0.500	0.528		mg/L		106	80 - 120
Chromium	0.200	0.205		mg/L		103	80 - 120
Molybdenum	1.00	1.03		mg/L		103	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Antimony	0.500	0.551		mg/L		110	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 500-808473/2-A
Matrix: Water
Analysis Batch: 809039

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120

Lab Sample ID: 500-264516-6 MS
Matrix: Water
Analysis Batch: 808819

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.0010		0.100	0.0957		mg/L		95	75 - 125
Barium	0.058		0.500	0.526		mg/L		94	75 - 125
Calcium	79		10.0	89.8	4	mg/L		110	75 - 125
Cadmium	<0.00050		0.0500	0.0472		mg/L		94	75 - 125
Cobalt	<0.0010		0.500	0.469		mg/L		94	75 - 125
Chromium	<0.0050		0.200	0.179		mg/L		90	75 - 125
Molybdenum	0.0086		1.00	0.961		mg/L		95	75 - 125
Lead	<0.00050		0.100	0.0937		mg/L		93	75 - 125
Antimony	<0.0030		0.500	0.502		mg/L		100	75 - 125
Selenium	0.0033		0.100	0.0984		mg/L		95	75 - 125
Thallium	<0.0020		0.100	0.0957		mg/L		96	75 - 125
Lithium	<0.010		0.100	0.0947		mg/L		90	75 - 125

Lab Sample ID: 500-264516-6 MS
Matrix: Water
Analysis Batch: 809039

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2.2		1.00	3.16		mg/L		92	75 - 125
Beryllium	<0.0010		0.0500	0.0455		mg/L		91	75 - 125

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

Lab Sample ID: 500-264516-6 MSD
Matrix: Water
Analysis Batch: 808819

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.0010		0.100	0.106		mg/L		106	75 - 125	11	20
Barium	0.058		0.500	0.583		mg/L		105	75 - 125	10	20
Calcium	79		10.0	91.4	4	mg/L		127	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0524		mg/L		105	75 - 125	10	20
Cobalt	<0.0010		0.500	0.522		mg/L		104	75 - 125	11	20
Chromium	<0.0050		0.200	0.207		mg/L		104	75 - 125	15	20
Molybdenum	0.0086		1.00	1.06		mg/L		105	75 - 125	10	20
Lead	<0.00050		0.100	0.105		mg/L		104	75 - 125	11	20
Antimony	<0.0030		0.500	0.559		mg/L		112	75 - 125	11	20
Selenium	0.0033		0.100	0.112		mg/L		109	75 - 125	13	20
Thallium	<0.0020		0.100	0.108		mg/L		108	75 - 125	12	20
Lithium	<0.010		0.100	0.108		mg/L		104	75 - 125	13	20

Lab Sample ID: 500-264516-6 MSD
Matrix: Water
Analysis Batch: 809039

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	2.2		1.00	3.29		mg/L		105	75 - 125	4	20
Beryllium	<0.0010		0.0500	0.0513		mg/L		103	75 - 125	12	20

Lab Sample ID: 500-264516-6 DU
Matrix: Water
Analysis Batch: 808819

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	<0.0010			<0.0010		mg/L				NC	20
Barium	0.058			0.0582		mg/L				0.8	20
Calcium	79			79.5		mg/L				1	20
Cadmium	<0.00050			<0.00050		mg/L				NC	20
Cobalt	<0.0010			<0.0010		mg/L				NC	20
Chromium	<0.0050			<0.0050		mg/L				NC	20
Molybdenum	0.0086			0.00862		mg/L				0.3	20
Lead	<0.00050			<0.00050		mg/L				NC	20
Antimony	<0.0030			<0.0030		mg/L				NC	20
Selenium	0.0033			0.00281		mg/L				16	20
Thallium	<0.0020			<0.0020		mg/L				NC	20
Lithium	<0.010			<0.010		mg/L				NC	20

Lab Sample ID: 500-264516-6 DU
Matrix: Water
Analysis Batch: 809039

Client Sample ID: IC-2
Prep Type: Total Recoverable
Prep Batch: 808473

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Boron	2.2			2.22		mg/L				0.7	20
Beryllium	<0.0010			<0.0010		mg/L				NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-808528/12-A
Matrix: Solid
Analysis Batch: 808714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 808528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 10:06	1

Lab Sample ID: LCS 500-808528/14-A
Matrix: Solid
Analysis Batch: 808714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 808528

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

Lab Sample ID: MB 500-809934/12-A
Matrix: Water
Analysis Batch: 810137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 809934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/14/25 10:05	03/17/25 08:50	1

Lab Sample ID: LCS 500-809934/13-A
Matrix: Water
Analysis Batch: 810137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809934

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

Lab Sample ID: 500-264516-8 MS
Matrix: Water
Analysis Batch: 810137

Client Sample ID: IC-4
Prep Type: Total/NA
Prep Batch: 809934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00103		mg/L		103	75 - 125

Lab Sample ID: 500-264516-8 MSD
Matrix: Water
Analysis Batch: 810137

Client Sample ID: IC-4
Prep Type: Total/NA
Prep Batch: 809934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.00101		mg/L		101	75 - 125	2	20

Lab Sample ID: 500-264516-8 DU
Matrix: Water
Analysis Batch: 810137

Client Sample ID: IC-4
Prep Type: Total/NA
Prep Batch: 809934

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

Lab Sample ID: LB 500-808157/1-C
Matrix: Solid
Analysis Batch: 808714

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 808528

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		03/04/25 10:20	03/05/25 11:01	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-810071/12-A
Matrix: Solid
Analysis Batch: 810307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017		mg/Kg		03/17/25 15:05	03/18/25 11:01	1

Lab Sample ID: LCS 500-810071/13-A
Matrix: Solid
Analysis Batch: 810307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.169		mg/Kg		102	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-808881/1-A
Matrix: Solid
Analysis Batch: 809021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 808881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<10		10		mg/Kg		03/06/25 10:46	03/07/25 16:45	1

Lab Sample ID: LCS 500-808881/2-A
Matrix: Solid
Analysis Batch: 809021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 808881

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	200	202		mg/Kg		101	90 - 110

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

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

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

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-809284/1-A
Matrix: Solid
Analysis Batch: 809384

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 809284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20		mg/Kg		03/10/25 10:45	03/10/25 10:44	1

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

Lab Sample ID: LCS 500-809284/2-A
Matrix: Solid
Analysis Batch: 809384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	200	200		mg/Kg		100	85 - 115

Lab Sample ID: 500-264516-5 MS
Matrix: Solid
Analysis Batch: 809384

Client Sample ID: B-5A-2
Prep Type: Total/NA
Prep Batch: 809284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	64		194	246		mg/Kg		93	75 - 125

Lab Sample ID: 500-264516-5 MSD
Matrix: Solid
Analysis Batch: 809384

Client Sample ID: B-5A-2
Prep Type: Total/NA
Prep Batch: 809284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64		194	253		mg/Kg		97	75 - 125	3	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: 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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-809059/59
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 16:31	1

Lab Sample ID: LCS 500-809059/60
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

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-810524/1-A
Matrix: Solid
Analysis Batch: 810513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<1.0		1.0		mg/Kg		03/19/25 08:58	03/19/25 13:53	1

Lab Sample ID: LCS 500-810524/2-A
Matrix: Solid
Analysis Batch: 810513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	100	101		mg/Kg		101	80 - 120

Method: SM 4500 H+ B - pH

Lab Sample ID: 500-264516-6 DU
Matrix: Water
Analysis Batch: 809488

Client Sample ID: IC-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.7	HF	7.7		SU		0.3	2.5

Lab Sample ID: 500-264516-7 DU
Matrix: Water
Analysis Batch: 809488

Client Sample ID: IC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.9	HF	7.9		SU		0.3	2.5

Lab Sample ID: 500-264516-8 DU
Matrix: Water
Analysis Batch: 809488

Client Sample ID: IC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.9	HF	7.9		SU		0.1	2.5

Lab Sample ID: 500-264516-9 DU
Matrix: Water
Analysis Batch: 809488

Client Sample ID: PW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.7	HF	7.7		SU		0.4	2.5

Lab Sample ID: 500-264516-10 DU
Matrix: Water
Analysis Batch: 809488

Client Sample ID: PW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.8	HF	7.8		SU		0.3	2.5

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Method: SM 4500 SO4 E - Sulfate, Total

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: 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

Lab Sample ID: MB 500-810911/16
Matrix: Water
Analysis Batch: 810911

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			03/23/25 15:39	1

Lab Sample ID: LCS 500-810911/17
Matrix: Water
Analysis Batch: 810911

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	21.2		mg/L		106	88 - 123

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: Kaelyn Sperle	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-133192-51748 1
Client Contact: Richard Gnat	Phone: 262-278-1621	E-Mail: Diana Mockler@et eurofinsus com	State of Origin: IL	Page: Page 1 of 2
Company: KPRG and Associates, Inc.	PWSID:			Job #: 500-264516

Address: 14665 West Lisbon Road Suite 1A	Due Date Requested: Standard
City: Brookfield	TAT Requested (days): Standard
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No
Phone: 262-781-0475(Tel)	PO #: 4502116506
Email: richardg@kprginc.com	WO #:
Project Name: MWG New Rule Compliance	Project #: 50023324
Site:	SSOW#:

500-264516 COC

Analysis Requested

Preservation Codes: N None; D HNO3

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)	4500_F_C, 7470A, SM4500_Cl_E, SM4500_SO4_E	6010D - (MOD) SPLP Metals (14 elements)	2540G, 2710F, 4500_F_C, 6010D, 7471B, Moisture, SM4500_Cl_E	300.0_28D - Sulfate	903.0, 904.0, Ra226Ra228_GFPC	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_H+, SM4500_SO4_E	903.0, 904.0	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	D	N	D		
1 ~~IC-2~~ MW-24A	2/26/25	1120	~~G~~ C	Solid	N	N	X	X	X	X	X				6	
2 B-7A-1	2/26/25	1300		Solid			X	X							2	
3 B-7A-2	2/26/25	1300		Solid			X	X							3	
4 B-5A-1	2/26/25	1700		Solid			X	X							3	
5 B-5A-2	2/26/25	1700		Solid			X	X							3	
				Solid												
				Solid												
6 IC-2	2/25/25	1135	G	Water	N	N						X	X	X	5	
7 IC-3	2/25/25	1210		Water												
8 IC-4	2/25/25	1300		Water												
9 PW-2	2/25/25	1550		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	Date/Time	Company	Received by	Date/Time	Company
1	Kaelyn Sperle	2/27/25/1038	KPRG	[illegible]	2/27/25 1028	[illegible]
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		0.1-0.2,0.2-0.1,3.3-3.9

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: Kaelyn Sperle	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-133192-51748 2
Client Contact: Richard Gnat	Phone: 262-278-1621	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 2 of 2
Company: KPRG and Associates, Inc.	PWSID:			Job #: 500-264516
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: Standard			
City: Brookfield	TAT Requested (days): standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502116506			
Email: richardg@kprginc com	WO #:			
Project Name: MWG New Rule Compliance	Project #: 50023324			
Site	SSOW#:			

Analysis Requested

Preservation Codes
N None
D HNO3
Other:

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)	4500_F_C, 7470A, SM4500_Cl_E, SM4500_SO4_E	6010D - (MOD) SPLP Metals (14 elements)	2540G, 2710F, 4500_F_C, 6010D, 7471B, Moisture, SM4500_Cl_E	300.0_28D - Sulfate	903.0, 904.0, Ra226Ra228_GFPC	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_H+, SM4500_SO4_E	903.0, 904.0						Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	D	N	D						X	
10 PW-1	2/25/25	1625	G	Water	N	N						X	X	X						5	

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	Date/Time	Company	Received by	Date/Time	Company
Kaelyn Sperle	2/27/25/1028	KPRG		2/27/25 1028	EAST
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

SHIPPING DEPT
EUROFINS CHICAGO
18410 CROSSING DR STE E

TINLEY PARK, IL 60487
UNITED STATES US

CAD: 06/3302

BILL SENDER

TO VERONICA BORTOT
TESTAMERICA LABORATORIES
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238

REF: 264492 495 490 497 516 SH

FedEx Express

J243120407040 1 uv

589C4/2BDE/FE2D

1 6969 4941 MLM EXP 07/25

500-264516 Waybill

TRK# 0201 4468 9403 9627

FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

NX AGCA

15238
PA-US PIT

Uncorrected temp 3.8 °C
Thermometer ID 25
CF -0.6 Initials
ST-WI-SR-001 effective 7/26/13

eurofins | Environment Testing | TestAmerica

2676778

eurofins

perature Controlled

S SEALED IN TRANSIT,
ED (2° TO 8° C / 36° TO 47° F)

TAL-0090(1016)

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198853 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana Mockler@et eurofinsus com	State of Origin: Illinois	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264516-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 3/19/2025			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton MWG New Rule Compliance	Project #: 50023324			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	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)	2540G/ (MOD) Ash Content	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-24A (500-264516-1)	2/26/25	11 20 Central	G	Solid			X	1	

500-264516 Chain of Custody

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	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
	2/27/25 16:05			2/28/25 0910	
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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264516-1

Login Number: 264516
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.2,-0.1,2.9 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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264516-1

Login Number: 264516
List Number: 3
Creator: Ryan, Shannon G

List Source: Eurofins Pittsburgh
List Creation: 02/28/25 02:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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	
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?	False	Received project as a subcontract.
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").	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.

Client Sample ID: MW-24A

Lab Sample ID: 500-264516-1

Date Collected: 02/26/25 11:20

Matrix: Solid

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 ¹
SPLP East	Prep	3010A			808302	BDE	EET CHI	03/03/25 08:26 - 03/03/25 14:26 ¹
SPLP East	Analysis	6010D		1	808845	RB	EET CHI	03/06/25 01:39
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		5	810566	RB	EET CHI	03/19/25 20:01
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		1	810395	RB	EET CHI	03/18/25 18:08
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		20	810661	SJ	EET CHI	03/20/25 12:51
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 ¹
SPLP East	Prep	7470A			808528	MJG	EET CHI	03/04/25 10:20 - 03/04/25 12:20 ¹
SPLP East	Analysis	7470A		1	808714	MJG	EET CHI	03/05/25 11:03
Total/NA	Prep	7471B			810071	MJG	EET CHI	03/17/25 15:05
Total/NA	Analysis	7471B		1	810307	MJG	EET CHI	03/18/25 11:45
Total/NA	Analysis	2540G-2015		1	491149	LWM	EET PIT	02/28/25 15:02
Total/NA	Prep	300_Prep			808881	MB	EET CHI	03/06/25 10:46
Total/NA	Analysis	300.0		1	809021	MB	EET CHI	03/07/25 20:46
Total/NA	Analysis	9045C		1	808920	MF	EET CHI	03/06/25 13:13
Total/NA	Analysis	Moisture		1	809108	MF	EET CHI	03/07/25 12:49
Total/NA	Analysis	SM 2710F		1	808424	ST	EET CHI	03/03/25 15:29 - 03/03/25 15:38 ¹
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 10:44
Total/NA	Prep	300_Prep			809284	TR	EET CHI	03/10/25 10:45
Total/NA	Prep	300_Prep			810524	AC	EET CHI	03/19/25 08:58
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:02

Client Sample ID: B-7A-1

Lab Sample ID: 500-264516-2

Date Collected: 02/26/25 13:00

Matrix: Solid

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 ¹
SPLP East	Prep	3010A			808302	BDE	EET CHI	03/03/25 08:26 - 03/03/25 14:26 ¹
SPLP East	Analysis	6010D		1	808845	RB	EET CHI	03/06/25 01:43
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		5	810566	RB	EET CHI	03/19/25 20:23
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		1	810395	RB	EET CHI	03/18/25 18:40
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 ¹
Total/NA	Analysis	6010D		20	810661	SJ	EET CHI	03/20/25 13:12
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 ¹
SPLP East	Prep	7470A			808528	MJG	EET CHI	03/04/25 10:20 - 03/04/25 12:20 ¹
SPLP East	Analysis	7470A		1	808714	MJG	EET CHI	03/05/25 11:10
Total/NA	Prep	7471B			810071	MJG	EET CHI	03/17/25 15:05
Total/NA	Analysis	7471B		1	810307	MJG	EET CHI	03/18/25 11:52

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: B-7A-1

Lab Sample ID: 500-264516-2

Date Collected: 02/26/25 13:00

Matrix: Solid

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			808881	MB	EET CHI	03/06/25 10:46
Total/NA	Analysis	300.0		1	809021	MB	EET CHI	03/07/25 21:01
Total/NA	Analysis	Moisture		1	809108	MF	EET CHI	03/07/25 12:49
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 10:44
Total/NA	Prep	300_Prep			809284	TR	EET CHI	03/10/25 10:45
Total/NA	Prep	300_Prep			810524	AC	EET CHI	03/19/25 08:58
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:05

Client Sample ID: B-7A-2

Lab Sample ID: 500-264516-3

Date Collected: 02/26/25 13:00

Matrix: Solid

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	3010A			808302	BDE	EET CHI	03/03/25 08:26 - 03/03/25 14:26 [1]
SPLP East	Analysis	6010D		1	808845	RB	EET CHI	03/06/25 01:48
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		5	810566	RB	EET CHI	03/19/25 20:27
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		1	810395	RB	EET CHI	03/18/25 18:44
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		10	810661	SJ	EET CHI	03/20/25 13:16
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	7470A			808528	MJG	EET CHI	03/04/25 10:20 - 03/04/25 12:20 [1]
SPLP East	Analysis	7470A		1	808714	MJG	EET CHI	03/05/25 11:12
Total/NA	Prep	7471B			810071	MJG	EET CHI	03/17/25 15:05
Total/NA	Analysis	7471B		1	810307	MJG	EET CHI	03/18/25 11:53
Total/NA	Prep	300_Prep			808881	MB	EET CHI	03/06/25 10:46
Total/NA	Analysis	300.0		1	809021	MB	EET CHI	03/07/25 21:17
Total/NA	Analysis	Moisture		1	809108	MF	EET CHI	03/07/25 12:49
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 10:44
Total/NA	Prep	300_Prep			809284	TR	EET CHI	03/10/25 10:45
Total/NA	Prep	300_Prep			810524	AC	EET CHI	03/19/25 08:58
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:10

Client Sample ID: B-5A-1

Lab Sample ID: 500-264516-4

Date Collected: 02/26/25 17:00

Matrix: Solid

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	3010A			808302	BDE	EET CHI	03/03/25 08:26 - 03/03/25 14:26 [1]
SPLP East	Analysis	6010D		1	808845	RB	EET CHI	03/06/25 01:52
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		5	810566	RB	EET CHI	03/19/25 20:31

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: B-5A-1

Date Collected: 02/26/25 17:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		1	810395	RB	EET CHI	03/18/25 18:49
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		20	810661	SJ	EET CHI	03/20/25 13:21
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	7470A			808528	MJG	EET CHI	03/04/25 10:20 - 03/04/25 12:20 [1]
SPLP East	Analysis	7470A		1	808714	MJG	EET CHI	03/05/25 11:14
Total/NA	Prep	7471B			810071	MJG	EET CHI	03/17/25 15:05
Total/NA	Analysis	7471B		1	810307	MJG	EET CHI	03/18/25 11:55
Total/NA	Prep	300_Prep			808881	MB	EET CHI	03/06/25 10:46
Total/NA	Analysis	300.0		1	809021	MB	EET CHI	03/07/25 21:33
Total/NA	Analysis	Moisture		1	809108	MF	EET CHI	03/07/25 12:49
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 10:44
Total/NA	Prep	300_Prep			809284	TR	EET CHI	03/10/25 10:45
Total/NA	Prep	300_Prep			810524	AC	EET CHI	03/19/25 08:58
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:15

Client Sample ID: B-5A-2

Date Collected: 02/26/25 17:00
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	3010A			808302	BDE	EET CHI	03/03/25 08:26 - 03/03/25 14:26 [1]
SPLP East	Analysis	6010D		1	808845	RB	EET CHI	03/06/25 01:57
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		5	810566	RB	EET CHI	03/19/25 20:35
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		1	810395	RB	EET CHI	03/18/25 18:53
Total/NA	Prep	3050B			809541	S1Z	EET CHI	03/11/25 18:29 - 03/11/25 23:29 [1]
Total/NA	Analysis	6010D		20	810661	SJ	EET CHI	03/20/25 13:25
SPLP East	Leach	1312			808157	JL	EET CHI	02/28/25 17:17 - 03/01/25 11:17 [1]
SPLP East	Prep	7470A			808528	MJG	EET CHI	03/04/25 10:20 - 03/04/25 12:20 [1]
SPLP East	Analysis	7470A		1	808714	MJG	EET CHI	03/05/25 11:16
Total/NA	Prep	7471B			810071	MJG	EET CHI	03/17/25 15:05
Total/NA	Analysis	7471B		1	810307	MJG	EET CHI	03/18/25 11:57
Total/NA	Prep	300_Prep			808881	MB	EET CHI	03/06/25 10:46
Total/NA	Analysis	300.0		1	809021	MB	EET CHI	03/07/25 21:48
Total/NA	Analysis	Moisture		1	809108	MF	EET CHI	03/07/25 12:49
Total/NA	Prep	300_Prep			809284	TR	EET CHI	03/10/25 10:45
Total/NA	Analysis	SM 4500 Cl- E		1	809384	TR	EET CHI	03/10/25 10:45
Total/NA	Prep	300_Prep			810524	AC	EET CHI	03/19/25 08:58
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:20

Client Sample ID: IC-2

Lab Sample ID: 500-264516-6

Date Collected: 02/25/25 11:35

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 19:07
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:02
Total/NA	Prep	7470A			809934	MJG	EET CHI	03/14/25 10:05 - 03/14/25 12:05 [1]
Total/NA	Analysis	7470A		1	810137	MJG	EET CHI	03/17/25 09:03
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:08
Total/NA	Analysis	SM 4500 Cl- E		2	809384	TR	EET CHI	03/10/25 14:36
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:05
Total/NA	Analysis	SM 4500 H+ B		1	809488	SO	EET CHI	03/11/25 16:14 - 03/11/25 13:25 [1]
Total/NA	Analysis	SM 4500 SO4 E		5	809591	TR	EET CHI	03/11/25 14:43

Client Sample ID: IC-3

Lab Sample ID: 500-264516-7

Date Collected: 02/25/25 12:10

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 19:19
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:15
Total/NA	Prep	7470A			809934	MJG	EET CHI	03/14/25 10:05 - 03/14/25 12:05 [1]
Total/NA	Analysis	7470A		1	810137	MJG	EET CHI	03/17/25 09:05
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:11
Total/NA	Analysis	SM 4500 Cl- E		2	809384	TR	EET CHI	03/10/25 14:36
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:10
Total/NA	Analysis	SM 4500 H+ B		1	809488	SO	EET CHI	03/11/25 16:14 - 03/11/25 13:25 [1]
Total/NA	Analysis	SM 4500 SO4 E		5	810911	TR	EET CHI	03/23/25 15:54

Client Sample ID: IC-4

Lab Sample ID: 500-264516-8

Date Collected: 02/25/25 13:00

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 19:21
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:18
Total/NA	Prep	7470A			809934	MJG	EET CHI	03/14/25 10:05 - 03/14/25 12:05 [1]
Total/NA	Analysis	7470A		1	810137	MJG	EET CHI	03/17/25 09:07
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:13
Total/NA	Analysis	SM 4500 Cl- E		2	809384	TR	EET CHI	03/10/25 14:37
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:15

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance

Job ID: 500-264516-1

Client Sample ID: IC-4

Lab Sample ID: 500-264516-8

Date Collected: 02/25/25 13:00

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 H+ B		1	809488	SO	EET CHI	03/11/25 16:14 - 03/11/25 13:25 [1]
Total/NA	Analysis	SM 4500 SO4 E		5	809591	TR	EET CHI	03/11/25 14:42

Client Sample ID: PW-2

Lab Sample ID: 500-264516-9

Date Collected: 02/25/25 15:50

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 19:24
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 15:20
Total/NA	Prep	7470A			809934	MJG	EET CHI	03/14/25 10:05 - 03/14/25 12:05 [1]
Total/NA	Analysis	7470A		1	810137	MJG	EET CHI	03/17/25 09:37
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:15
Total/NA	Analysis	SM 4500 Cl- E		2	809384	TR	EET CHI	03/10/25 14:38
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:19
Total/NA	Analysis	SM 4500 H+ B		1	809488	SO	EET CHI	03/11/25 16:14 - 03/11/25 13:25 [1]
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:41

Client Sample ID: PW-1

Lab Sample ID: 500-264516-10

Date Collected: 02/25/25 16:25

Matrix: Water

Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	808819	RN	EET CHI	03/05/25 19:31
Total Recoverable	Prep	3005A			808473	BDE	EET CHI	03/04/25 08:32 - 03/04/25 14:32 [1]
Total Recoverable	Analysis	6020B		1	809039	RN	EET CHI	03/06/25 17:58
Total/NA	Prep	7470A			809934	MJG	EET CHI	03/14/25 10:05 - 03/14/25 12:05 [1]
Total/NA	Analysis	7470A		1	810137	MJG	EET CHI	03/17/25 09:39
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:17
Total/NA	Analysis	SM 4500 Cl- E		2	809384	TR	EET CHI	03/10/25 14:38
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:23
Total/NA	Analysis	SM 4500 H+ B		1	809488	SO	EET CHI	03/11/25 16:14 - 03/11/25 13:25 [1]
Total/NA	Analysis	SM 4500 SO4 E		2	809591	TR	EET CHI	03/11/25 14:41

[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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: KPRG and Associates, Inc. Job ID: 500-264516-1
Project/Site: Powerton MWG New Rule Comlpiance

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

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00690	06-28-25
California	State	2891	04-30-24 *
Connecticut	State	PH-0820	09-30-24 *
Florida	NELAP	E871008	06-30-25
Georgia	State	PA 02-00416	04-30-25
Illinois	NELAP	200005	07-31-25
Kansas	NELAP	E-10350	01-31-26
Kentucky (UST)	State	162013	04-30-25
Kentucky (WW)	State	KY98043	12-31-25
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-25
Maine	State	PA00164	03-06-26
Minnesota	NELAP	042-999-482	12-31-24 *
New Hampshire	NELAP	2030	04-04-25
New Jersey	NELAP	PA005	06-30-25
New York	NELAP	11182	04-01-25
North Carolina (WW/SW)	State	434	12-31-25
North Dakota	State	R-227	04-30-24 *
Oregon	NELAP	PA-2151	02-06-25 *
Pennsylvania	NELAP	02-00416	04-30-25
Rhode Island	State	LAO00375	01-01-25 *
South Carolina	State	89014	04-30-25
Texas	NELAP	T104704528	03-31-25
US Fish & Wildlife	US Federal Programs	A21930	04-30-25
USDA	US Federal Programs	P330-16-00211	04-11-26
Utah	NELAP	PA001462024-14	05-31-25
Virginia	NELAP	460189	07-14-24 *
West Virginia DEP	State	142	03-18-25
Wisconsin	State	998027800	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/4/2025 3:32:40 PM

JOB DESCRIPTION

Powerton MWG New Rule Comlpiance (RAD)

JOB NUMBER

500-264516-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Job Notes

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

Authorization

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Authorized for release by
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(219)252-7570

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Job ID: 500-264516-2 Eurofins Chicago

Job Narrative
500-264516-2

Receipt
The samples were received on 2/27/2025 10:28 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were -0.2º C, -0.1º C and 2.9º C.

RAD
Method 903.0: Radium-226 Prep Batch 160-705506:
The sample duplicate (DUP) precision for sample (870-34077-B-1-C DU) was outside control limits. Sample non-homogeneity was documented during subsampling (rocks and oily residue narrated by the prep analyst); therefore, the data have been reported.

Methods 903.0, 9315, RA-06-RC: Radium 226 Batch 706370

The Radium-226 laboratory control sample (LCS) associated with the following samples recovered at 70%: (LCS 160-706370/2-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 64-129%. The LCS is within criteria and no further action is required.

Methods 904.0, RA-06-RC: Radium 228 Batch 706371

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. PW-1 (500-264516-10)

Method 904.0: Radium 228 Batch 706371

The following sample did not meet the detection goal :IC-2 (500-264516-6) . The barium carrier recovery was slightly lower than normal (though within QC limits) contributing to the elevated MDC. The sample activity falls below both the RL and MDC, therefore the laboratory does not believe this excursion negatively affects the data. The data have been reported with this narrative

Method DPS-0: Radium-228 Prep Batch 160-705827

The sample results for MW-24A (500-264516-1) are based upon sample as received (i.e. wet weight).

Method DPS-21: Ra-226 Prep Batch 160-705506:

The sample results for MW-24A (500-264516-1) are based upon sample as received (i.e. wet weight).

Method PrecSep_0:

Method PrecSep-21:

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

Method Summary

Client: KPRG and Associates, Inc.
Job ID: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (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
DPS-0	Preparation, Digestion/ Precipitate	None	EET SL
DPS-21	Preparation, Digestion/Precipitate Separation (21-Day In-Growth)	None	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: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264516-1	MW-24A	Solid	02/26/25 11:20	02/27/25 10:28
500-264516-6	IC-2	Water	02/25/25 11:35	02/27/25 10:28
500-264516-7	IC-3	Water	02/25/25 12:10	02/27/25 10:28
500-264516-8	IC-4	Water	02/25/25 13:00	02/27/25 10:28
500-264516-9	PW-2	Water	02/25/25 15:50	02/27/25 10:28
500-264516-10	PW-1	Water	02/25/25 16:25	02/27/25 10:28

Client Sample ID: MW-24A
Date Collected: 02/26/25 11:20
Date Received: 02/27/25 10:28

Lab Sample ID: 500-264516-1
Matrix: Solid

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	1.29		0.184	0.218	1.00	0.0888	pCi/g	03/01/25 11:42	04/02/25 19:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/01/25 11:42*	*04/02/25 19:04*	*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	1.36		0.419	0.438	1.00	0.486	pCi/g	03/03/25 15:44	03/17/25 12:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/03/25 15:44*	*03/17/25 12:25*	*1*
Y Carrier	*86.7*		*30 - 110*	*03/03/25 15:44*	*03/17/25 12:25*	*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	2.65		0.458	0.489	5.00	0.486	pCi/g		04/04/25 15:21	1

Client Sample ID: IC-2
Lab Sample ID: 500-264516-6

Date Collected: 02/25/25 11:35
Matrix: Water

Date Received: 02/27/25 10:28

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	<0.644	U	0.367	0.368	1.00	0.644	pCi/L	03/06/25 07:54	04/03/25 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*37.2*		*30 - 110*	*03/06/25 07:54*	*04/03/25 16:01*	*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	<1.35	U G	0.742	0.742	1.00	1.35	pCi/L	03/06/25 07:56	04/03/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*37.2*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:53*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/06/25 07:56*	*04/03/25 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	<1.35	U	0.828	0.828	5.00	1.35	pCi/L		04/04/25 15:18	1

Client Sample ID: IC-3
Lab Sample ID: 500-264516-7

Date Collected: 02/25/25 12:10
Matrix: Water

Date Received: 02/27/25 10:28

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	<0.656	U	0.394	0.395	1.00	0.656	pCi/L	03/06/25 07:54	04/03/25 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.1*		*30 - 110*	*03/06/25 07:54*	*04/03/25 16:01*	*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	<0.776	U	0.435	0.435	1.00	0.776	pCi/L	03/06/25 07:56	04/03/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.1*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:54*	*1*
Y Carrier	*86.0*		*30 - 110*	*03/06/25 07:56*	*04/03/25 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	<0.776	U	0.587	0.588	5.00	0.776	pCi/L		04/04/25 15:18	1

Client Sample ID: IC-4
Lab Sample ID: 500-264516-8

Date Collected: 02/25/25 13:00
Matrix: Water
Date Received: 02/27/25 10:28

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	<0.561	U	0.359	0.361	1.00	0.561	pCi/L	03/06/25 07:54	04/03/25 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*56.0*		*30 - 110*	*03/06/25 07:54*	*04/03/25 16:01*	*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	<0.907	U	0.493	0.493	1.00	0.907	pCi/L	03/06/25 07:56	04/03/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*56.0*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*
Y Carrier	*84.1*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.907	U	0.610	0.611	5.00	0.907	pCi/L		04/04/25 15:18	1

Client Sample ID: PW-2
Lab Sample ID: 500-264516-9

Date Collected: 02/25/25 15:50
Matrix: Water

Date Received: 02/27/25 10:28

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	<0.524	U	0.365	0.368	1.00	0.524	pCi/L	03/06/25 07:54	04/03/25 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.5*		*30 - 110*	*03/06/25 07:54*	*04/03/25 16:01*	*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	<0.912	U	0.453	0.453	1.00	0.912	pCi/L	03/06/25 07:56	04/03/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.5*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*
Y Carrier	*82.6*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.912	U	0.582	0.584	5.00	0.912	pCi/L		04/04/25 15:18	1

Client Sample ID: PW-1
Lab Sample ID: 500-264516-10

Date Collected: 02/25/25 16:25
Matrix: Water
Date Received: 02/27/25 10:28

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	<0.750	U	0.347	0.347	1.00	0.750	pCi/L	03/06/25 07:54	04/03/25 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*50.3*		*30 - 110*	*03/06/25 07:54*	*04/03/25 16:01*	*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	<1.36	U G	0.802	0.803	1.00	1.36	pCi/L	03/06/25 07:56	04/03/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*50.3*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*
Y Carrier	*80.4*		*30 - 110*	*03/06/25 07:56*	*04/03/25 11:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.36	U	0.874	0.875	5.00	1.36	pCi/L		04/04/25 15:18	1

Definitions/Glossary

Client: KPRG and Associates, Inc. Job ID: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (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.
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Job ID: 500-264516-2

Rad

Prep Batch: 705506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	DPS-21	
MB 160-705506/1-A	Method Blank	Total/NA	Solid	DPS-21	
LCS 160-705506/2-A	Lab Control Sample	Total/NA	Solid	DPS-21	

Prep Batch: 705827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-1	MW-24A	Total/NA	Solid	DPS-0	
MB 160-705827/1-A	Method Blank	Total/NA	Solid	DPS-0	
LCS 160-705827/2-A	Lab Control Sample	Total/NA	Solid	DPS-0	

Prep Batch: 706370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	PrecSep-21	
500-264516-7	IC-3	Total/NA	Water	PrecSep-21	
500-264516-8	IC-4	Total/NA	Water	PrecSep-21	
500-264516-9	PW-2	Total/NA	Water	PrecSep-21	
500-264516-10	PW-1	Total/NA	Water	PrecSep-21	
MB 160-706370/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-706370/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 706371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264516-6	IC-2	Total/NA	Water	PrecSep_0	
500-264516-7	IC-3	Total/NA	Water	PrecSep_0	
500-264516-8	IC-4	Total/NA	Water	PrecSep_0	
500-264516-9	PW-2	Total/NA	Water	PrecSep_0	
500-264516-10	PW-1	Total/NA	Water	PrecSep_0	
MB 160-706371/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-706371/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705506/1-A
Matrix: Solid
Analysis Batch: 710456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705506

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.107	U	0.0676	0.0679	1.00	0.107	pCi/g	03/01/25 11:42	04/02/25 16:57	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*03/01/25 11:42*	*04/02/25 16:57*	*1*

Lab Sample ID: LCS 160-705506/2-A
Matrix: Solid
Analysis Batch: 710456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705506

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.797		0.826	1.00	0.0849	pCi/g	81	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*97.4*		*30 - 110*

Lab Sample ID: MB 160-706370/1-A
Matrix: Water
Analysis Batch: 710565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706370

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.276	U	0.145	0.145	1.00	0.276	pCi/L	03/06/25 07:54	04/03/25 15:48	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*03/06/25 07:54*	*04/03/25 15:48*	*1*

Lab Sample ID: LCS 160-706370/2-A
Matrix: Water
Analysis Batch: 710565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706370

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	6.728		1.01	1.00	0.420	pCi/L	70	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*91.9*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705827/1-A
Matrix: Solid
Analysis Batch: 708118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705827

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.531	U	0.313	0.314	1.00	0.531	pCi/g	03/03/25 15:44	03/17/25 12:14	1

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110	03/03/25 15:44	03/17/25 12:14	1
Y Carrier	86.4		30 - 110	03/03/25 15:44	03/17/25 12:14	1

Lab Sample ID: LCS 160-705827/2-A
Matrix: Solid
Analysis Batch: 708118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705827

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.01	8.256		1.15	1.00	0.464	pCi/g	103	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	97.4		30 - 110
Y Carrier	84.9		30 - 110

Lab Sample ID: MB 160-706371/1-A
Matrix: Water
Analysis Batch: 710561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706371

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.537	U	0.334	0.336	1.00	0.537	pCi/L	03/06/25 07:56	04/03/25 11:39	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110	03/06/25 07:56	04/03/25 11:39	1
Y Carrier	84.9		30 - 110	03/06/25 07:56	04/03/25 11:39	1

Lab Sample ID: LCS 160-706371/2-A
Matrix: Water
Analysis Batch: 710561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706371

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.97	8.740		1.24	1.00	0.601	pCi/L	110	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	91.9		30 - 110
Y Carrier	83.0		30 - 110

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: Kaelyn Sperle	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-133192-51748 1
Client Contact: Richard Gnat	Phone: 262-278-1621	E-Mail: Diana Mockler@et eurofinsus com	State of Origin: IL	Page: Page 1 of 2
Company: KPRG and Associates, Inc.	PWSID:			Job #: 500-264516

Address: 14665 West Lisbon Road Suite 1A	Due Date Requested: Standard
City: Brookfield	TAT Requested (days): Standard
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No
Phone: 262-781-0475(Tel)	PO #: 4502116506
Email: richardg@kprginc.com	WO #:
Project Name: MWG New Rule Compliance	Project #: 50023324
Site:	SSOW#:

500-264516 COC

Analysis Requested

Preservation Codes: N None; D HNO3

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)	4500_F_C, 7470A, SM4500_Cl_E, SM4500_SO4_E	6010D - (MOD) SPLP Metals (14 elements)	2540G, 2710F, 4500_F_C, 6010D, 7471B, Moisture, SM4500_Cl_E	300.0_28D - Sulfate	903.0, 904.0, Ra226Ra228_GFPC	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_H+, SM4500_SO4_E	903.0, 904.0						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	D	N	D							
1 ~~IC-2~~ MW-24A	2/26/25	1120	~~G~~ C	Solid	N	N	X	X	X	X	X									6	
2 B-7A-1	2/26/25	1300		Solid			X	X												3	
3 B-7A-2	2/26/25	1300		Solid			X	X												3	
4 B-5A-1	2/26/25	1700		Solid			X	X												3	
5 B-5A-2	2/26/25	1700		Solid			X	X												3	
				Solid																	
				Solid																	
6 IC-2	2/25/25	1135	G	Water	N	N						X	X	X						5	
7 IC-3	2/25/25	1210		Water																	
8 IC-4	2/25/25	1300		Water																	
9 PW-2	2/25/25	1550		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	Date/Time	Company	Received by	Date/Time	Company
1	Kaelyn Sperle	2/27/25/1038	KPRG	[illegible]	2/27/25 1028	[illegible]
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		0.1-0.2, 0.2-0.7, 0.1, 0.3-0.9

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: Kaelyn Sperle	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 500-133192-51748 2
Client Contact: Richard Gnat	Phone: 262-278-1621	E-Mail: Diana Mockler@et eurofinsus com	State of Origin:	Page: Page 2 of 2
Company: KPRG and Associates, Inc.	PWSID:			Job #: 500-264516
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested: Standard			
City: Brookfield	TAT Requested (days): standard			
State, Zip: WI, 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-781-0475(Tel)	PO #: 4502116506			
Email: richardg@kprginc com	WO #:			
Project Name: MWG New Rule Compliance	Project #: 50023324			
Site	SSOW#:			

Analysis Requested

Preservation Codes
N None
D HNO3
Other:

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)	4500_F_C, 7470A, SM4500_Cl_E, SM4500_SO4_E	6010D - (MOD) SPLP Metals (14 elements)	2540G, 2710F, 4500_F_C, 6010D, 7471B, Moisture, SM4500_Cl_E	300.0_28D - Sulfate	903.0, 904.0, Ra226Ra228_GFPC	6020B, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_H+, SM4500_SO4_E	903.0, 904.0	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	D	N	D		
10 PW-1	2/25/25	1625	G	Water	N	N						X	X	X	5	

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	Date/Time	Company	Received by	Date/Time	Company
Kaelyn Sperle	2/27/25/1028	KPRG		2/27/25 1028	EAT
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

SHIPPING DEPT
EUROFINS CHICAGO
18410 CROSSING DR STE E

TINLEY PARK, IL 60487
UNITED STATES US

CAD: 06/3302

BILL SENDER

TO VERONICA BORTOT
TESTAMERICA LABORATORIES
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238

REF: 264492 495 490 497 516 SH

FedEx Express

J243120407040 1 uv

589C4/2BDE/FE2D

1 1659699-494 MLTN EXP 07/25

500-264516 Waybill

TRK# 0201 4468 9403 9627

FRI - 28 FEB 10:30A
PRIORITY OVERNIGHT

NX AGCA

15238
PA-US PIT

Uncorrected temp 3.8 °C
Thermometer ID 25
CF -0.6 Initials
ST-WI-SR-001 effective 7/26/13

eurofins | Environment Testing TestAmerica

2676778

eurofins

perature Controlled

S SEALED IN TRANSIT,
ED (2° TO 8° C / 36° TO 47° F)

TAL-0090(1016)

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-198862.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264516-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/19/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Powerton MWG New Rule Comlpiance (RAD)	Project #: 50023324			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/DPS_21 Radium 226	904.0/DPS_0 Radium 228	Ra226Ra228_GFPC/ Combined Rad 226/228	903.0/PrecSep_21 Standard Target List	904.0/PrecSep_0 Standard Target List	Ra226Ra228_GFPC	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
MW-24A (500-264516-1)	2/26/25	11:20 Central	G	Solid			X	X	X				1	
IC-2 (500-264516-6)	2/25/25	11:35 Central	G	Water						X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
IC-3 (500-264516-7)	2/25/25	12:10 Central	G	Water						X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
IC-4 (500-264516-8)	2/25/25	13:00 Central	G	Water						X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
PW-2 (500-264516-9)	2/25/25	15:50 Central	G	Water						X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
PW-1 (500-264516-10)	2/25/25	16:25 Central	G	Water						X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;

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	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 16:08		M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264516-2

Login Number: 264516
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.2,-0.1,2.9 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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-264516-2

Login Number: 264516
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 10:58 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.	N/A	
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.

Lab Chronicle

Client: KPRG and Associates, Inc.
Job ID: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Client Sample ID: MW-24A
Lab Sample ID: 500-264516-1
Date Collected: 02/26/25 11:20
Matrix: Solid
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	DPS-21			705506	CHM	EET SL	03/01/25 11:42
Total/NA	Analysis	903.0		1	710467	TJR	EET SL	04/02/25 19:04
Total/NA	Prep	DPS-0			705827	BMW	EET SL	03/03/25 15:44
Total/NA	Analysis	904.0		1	708120	SWS	EET SL	03/17/25 12:25
Total/NA	Analysis	Ra226_Ra228		1	710911	SCB	EET SL	04/04/25 15:21

Client Sample ID: IC-2
Lab Sample ID: 500-264516-6
Date Collected: 02/25/25 11:35
Matrix: Water
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706370	OGC	EET SL	03/06/25 07:54
Total/NA	Analysis	903.0		1	710695	CMM	EET SL	04/03/25 16:01
Total/NA	Prep	PrecSep_0			706371	OGC	EET SL	03/06/25 07:56
Total/NA	Analysis	904.0		1	710695	CMM	EET SL	04/03/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	710910	SCB	EET SL	04/04/25 15:18

Client Sample ID: IC-3
Lab Sample ID: 500-264516-7
Date Collected: 02/25/25 12:10
Matrix: Water
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706370	OGC	EET SL	03/06/25 07:54
Total/NA	Analysis	903.0		1	710695	CMM	EET SL	04/03/25 16:01
Total/NA	Prep	PrecSep_0			706371	OGC	EET SL	03/06/25 07:56
Total/NA	Analysis	904.0		1	710695	CMM	EET SL	04/03/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	710910	SCB	EET SL	04/04/25 15:18

Client Sample ID: IC-4
Lab Sample ID: 500-264516-8
Date Collected: 02/25/25 13:00
Matrix: Water
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706370	OGC	EET SL	03/06/25 07:54
Total/NA	Analysis	903.0		1	710695	CMM	EET SL	04/03/25 16:01
Total/NA	Prep	PrecSep_0			706371	OGC	EET SL	03/06/25 07:56
Total/NA	Analysis	904.0		1	710696	CMM	EET SL	04/03/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	710910	SCB	EET SL	04/04/25 15:18

Lab Chronicle

Client: KPRG and Associates, Inc.
Job ID: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Client Sample ID: PW-2
Lab Sample ID: 500-264516-9
Date Collected: 02/25/25 15:50
Matrix: Water
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706370	OGC	EET SL	03/06/25 07:54
Total/NA	Analysis	903.0		1	710695	CMM	EET SL	04/03/25 16:01
Total/NA	Prep	PrecSep_0			706371	OGC	EET SL	03/06/25 07:56
Total/NA	Analysis	904.0		1	710696	CMM	EET SL	04/03/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	710910	SCB	EET SL	04/04/25 15:18

Client Sample ID: PW-1
Lab Sample ID: 500-264516-10
Date Collected: 02/25/25 16:25
Matrix: Water
Date Received: 02/27/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706370	OGC	EET SL	03/06/25 07:54
Total/NA	Analysis	903.0		1	710695	CMM	EET SL	04/03/25 16:01
Total/NA	Prep	PrecSep_0			706371	OGC	EET SL	03/06/25 07:56
Total/NA	Analysis	904.0		1	710696	CMM	EET SL	04/03/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	710910	SCB	EET SL	04/04/25 15:18

Laboratory References:

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

Accreditation/Certification Summary

Client: KPRG and Associates, Inc. Job ID: 500-264516-2
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Job ID: 500-264516-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Solid

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
500-264516-1	MW-24A	96.9
LCS 160-705506/2-A	Lab Control Sample	97.4
MB 160-705506/1-A	Method Blank	88.7

Tracer/Carrier Legend

Ba = Ba Carrier

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)
500-264516-6	IC-2	37.2
500-264516-7	IC-3	58.1
500-264516-8	IC-4	56.0
500-264516-9	PW-2	68.5
500-264516-10	PW-1	50.3
LCS 160-706370/2-A	Lab Control Sample	91.9
MB 160-706370/1-A	Method Blank	93.5

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Solid

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-264516-1	MW-24A	96.9	86.7
LCS 160-705827/2-A	Lab Control Sample	97.4	84.9
MB 160-705827/1-A	Method Blank	88.7	86.4

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-264516-6	IC-2	37.2	83.4
500-264516-7	IC-3	58.1	86.0
500-264516-8	IC-4	56.0	84.1
500-264516-9	PW-2	68.5	82.6
500-264516-10	PW-1	50.3	80.4
LCS 160-706371/2-A	Lab Control Sample	91.9	83.0
MB 160-706371/1-A	Method Blank	93.5	84.9

Tracer/Carrier Legend

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-264516-2

Project/Site: Powerton MWG New Rule Comlpiance (RAD)

Ba = Ba Carrier

Y = Y Carrier