



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

**FEDERAL CCR COMPLIANCE
ANNUAL GROUNDWATER MONITORING and
CORRECTIVE ACTION REPORT - 2025**

**Midwest Generation, LLC
Joliet #9 Generating Station
1601 South Patterson Road
Joliet, Illinois**

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OVERVIEW

Groundwater monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.94 and 257.95 Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) and subsequent amendments, have been completed for the ash disposal unit (Lincoln Stone Quarry [LSQ]) monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Joliet #9 Generating Station. The CCR monitoring well network consists of ten monitoring wells (R08S, G20S, G30S, R32S, G44S, G45S, G46S, G47S, G48S and T03S) as shown on Figure 1. Wells T03S and G45S are considered background monitoring wells. The assessment groundwater monitoring network was expanded in the 4th quarter 2018 to assist in defining the nature and extent of impacts as required under 257.95(g)(1). The expanded assessment network includes wells G31S, G33S, T01S, T02S, T04S, T05S, T06S, T08S and T09S. Two additional monitoring wells were installed in 2023, wells T12S and T13S, as part of the ongoing nature and extent of impacts evaluation. In December 2025 two additional monitoring wells (T14S and T16S) were installed to further assist in defining the nature and extent of impacts. The wells will be scheduled for sampling in the first quarter of 2026. Figure 1 also includes twelve extraction wells (X101 through X112) along the south side of the LSQ which are part of an interim corrective action which intercepts southward migration of groundwater from the LSQ. It is also noted that monitoring well T04S, which was located on Vulcan Quarry property and was previously being sampled as part of the expanded assessment monitoring network, was abandoned circa May 2020 by Vulcan due to expansion of their mining operations.

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

- Section 257.90(e)(6)(i) – At the start of the current monitoring period, the subject CCR unit was operating under the assessment monitoring program outlined in Section 257.95.
- Section 257.90(e)(6)(ii) – At the end of the current monitoring period, the subject CCR unit continues to operate under the assessment monitoring program outlined in Section 257.95.
- Section 257.90(e)(6)(iii) – The following statistically significant increases (SSIs) above established background for the Appendix III detection monitoring constituents were noted during this monitoring period:

CCR Wells

- o G45S –fluoride (1st – 4th quarters)
- o T03S – calcium (4th quarter), sulfate (4th quarter)

- o R08S – boron (1st through 4th quarters), calcium (1st through 4th quarters), pH (1st through 4th quarters), sulfate (2nd and 4th quarters)
- o G20S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (4th quarter)
- o G30S – boron (1st through 4th quarters), chloride (2nd quarter), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (1st through 4th quarters)
- o R32S – boron (1st through 4th quarters), pH (1st quarter), sulfate (1st through 4th quarters)
- o G44S – boron (1st through 4th quarters), calcium (1st through 4th quarters), pH (2nd through 4th quarters)
- o G46S – boron (1st through 4th quarters), calcium (2nd through 4th quarters), pH (2nd through 4th quarters), sulfate (1st through 4th quarters), TDS (1st quarter, 3rd and 4th quarters)
- o G47S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (1st through 3rd quarters)
- o G48S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (3rd quarter)

Expanded Assessment Wells

- o G31S – boron (1st through 4th quarters), calcium (1st through 4th quarters), sulfate (2nd through 4th quarters), TDS (1st through 3rd quarters)
- o G33S – fluoride (1st through 4th quarters), pH (1st quarter)
- o G39S – boron (4th quarter)
- o T01S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (1st and 4th quarters)
- o T02S – boron (1st through 4th quarters), fluoride (1st and 4th quarters), pH (1st and 4th quarters), TDS (3rd and 4th quarters)
- o T05S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (1st through 4th quarters)
- o T06S – boron (3rd and 4th quarters), fluoride (1st through 4th quarters)
- o T08S – boron (1st through 4th quarters), fluoride (1st through 4th quarters), pH (1st through 4th quarters), sulfate (1st through 4th quarters), TDS (1st through 3rd quarters)
- o T09S – boron (1st through 4th quarters), calcium (1st through 4th quarters), fluoride (1st quarter), pH (1st through 4th quarters), sulfate (2nd and 3rd quarters)
- o T12S – boron (1st through 4th quarters), calcium (2nd through 4th quarters), pH (2nd and 3rd quarters), sulfate (2nd and 3rd quarters), TDS (2nd and 3rd quarters)
- o T13S – pH (1st quarter)

Wells G45S and T03S are background monitoring points.

The initial statistical evaluation of Appendix III constituents determined that there were SSIs in downgradient monitoring wells relative to established background for various Appendix III parameters at various downgradient monitoring locations. The monitoring program was transitioned to assessment monitoring under Section 257.95 in January 2018.

- Section 257.90(e)(6)(iv) – There were confirmed statistically significant levels (SSLs) above groundwater protection standards (GWPSs) for the Appendix IV assessment monitoring constituents for this unit recorded during this monitoring period. Various wells showed concentrations of five Appendix IV parameters above the established GWPSs. Specifically, these were:
 - Molybdenum – CCR wells R08S, R32S, G44S, G46S, G47S, and G48S (1st through 4th quarters) and expanded network wells G31S, T01S, T02S, T05S, T08S, T09S, and T12S (1st through 4th quarters)
 - Lithium – CCR wells R08S, R32S, G46S, G47 (1st through 4th quarters), G20S (2nd quarter) and expanded network wells G31S, T08S, T09S, and T12S (1st through 4th quarters)
 - Arsenic – CCR wells G46S, G47S (1st through 4th quarters), G48S (4th quarter) and expanded network wells T05S, T12S (1st through 4th quarters), T01S (2nd and 3rd quarters) T02S (4th quarter), T08S (2nd through 4th quarters)
 - Antimony – Expanded network well T02S (4th quarter)
 - Combined Radium – CCR well G46S (2nd quarter); expanded network wells T01S and T02S (3rd quarter)

Wells G45S and T03S are background monitoring points.

The assessment of corrective measures was initiated in March 2019 and completed on May 31, 2019. A public meeting to present the results of the corrective measures study was held on August 27, 2019.

- Section 257.90(e)(6)(v) – Remedy selection pursuant to Section 257.97 is in process; however, was not completed during this reporting period as Midwest Generation is awaiting Illinois Environmental Protection Agency (IEPA) review/approval of a State required Application for Initial Construction Permit (submitted to IEPA on January 28, 2022) under the State CCR Rule program prior to being able to proceed with final remedy selection and subsequent implementation.
- Section 257.90(e)(6)(vi) – As noted above, because Midwest Generation is waiting for an approved Construction Permit from IEPA, remedial activities pursuant to Section 257.98 were not initiated during this reporting period.

1.0 INTRODUCTION

The groundwater sampling for the 2025 semi-annual assessment monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.94 and 257.95, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) have been completed for the ash disposal unit (Lincoln Stone Quarry [LSQ]) monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Joliet #9 Generating Station. The CCR monitoring well network consists of ten monitoring wells (R08S, G20S, G30S, R32S, G44S, G45S, G46S, G47S, G48S and T03S) as shown on Figure 1. Wells T03S and G45S are considered background monitoring points. The assessment groundwater monitoring network was expanded in the 4th quarter 2018 to assist in defining the nature and extent of impacts as required under 257.95(g)(1). In addition, two additional monitoring wells were installed in 2023, wells T12S and T13S, as part of the ongoing nature and extent of impacts evaluation. In December 2025 two additional monitoring wells (T14S and T16S) were installed to further assist in defining the nature and extent of impacts. The wells will be scheduled for sampling in the first quarter of 2026. The current expanded assessment network includes wells G31S, G33S, T01S, T02S, T05S, T06S, T08S, T09S, T12S, T13S, T14S and T16S. It is noted that another proposed nature and extent of impacts characterization well, T15S, is still awaiting of-site property access approval by Gallagher Asphalt and has not yet been installed. Figure 1 also includes twelve extraction wells (X101 through X112) along the south side of the LSQ which are part of an interim corrective action, initiated in 2010 and expanded in 2012, which intercepts southward migration of groundwater from the LSQ. It is also noted that monitoring well T04S, which was located on Vulcan Quarry property and was previously being sampled as part of the expanded assessment monitoring network, was abandoned circa May 2020 by Vulcan due to expansion of their mining operations.

This annual report covers the work performed relative to CCR groundwater monitoring during the calendar year 2025. It does not duplicate information or activities reported in previous annual submittals. It is prepared in accordance with Section 257.90(e)(1-6) and summarizes the sampling procedures used, provides an evaluation of groundwater flow conditions, summarizes the analytical data generated, presents the statistical evaluations and assessment monitoring completed, identifies the other key compliance actions completed during the year and provides the current status of the site compliance activities along with recommendations.

2.0 FIELD PROCEDURES AND GROUNDWATER FLOW EVALUATION

2.1 Field Procedures

As previously noted, the CCR groundwater monitoring network around the LSQ at the Joliet #9 facility consists of ten monitoring wells (R08S, G20S, G30S, R32S, G44S, G45S, G46S, G47S, G48S and T03S) and an expanded nature and extent characterization network which includes wells G31S, G33S, T01S, T02S, T05S, T06S, T08S, T09S, T12S, T13S, T14S and T16S as shown on Figure 1. As part of sampling procedures, the integrity of all monitoring wells was inspected and water levels were obtained using an electronic water level meter (see summary of water level discussion below). It is noted that wells T14S and T16S were just recently installed in December 2025 and have not yet been sampled, therefore, there is no 2025 data available for these wells.

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

2.2 Groundwater Flow Evaluation

Water level data measurements were obtained from each well during each round of groundwater monitoring. A complete round of water levels was collected prior to initiating sampling, and the water level data are summarized in Table 1. The water levels were used to generate a groundwater flow map for each sampling event which are provided in Attachment 1. It is noted that water levels were also concurrently measured at other monitoring well locations in the area that are not part of the CCR monitoring network. The full set of water levels were used to generate a groundwater flow map for each sampling event. A review of the maps indicates groundwater flow to the north and west from the LSQ. Groundwater moving to the south-southeast due to dewatering operations at the nearby Vulcan Quarry is being captured by the extraction well system along the southern perimeter of the LSQ and discharged back into the LSQ. In accordance with general groundwater sampling requirements under Section 257.93(c), Table 2 provides a summary of the natural flow direction (i.e., not affected by extraction well or Vulcan Quarry pumping) and an estimated rate of groundwater flow for each sampling event. The flow rate was calculated using the following equation:

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

V_s is seepage velocity (distance/time)

K is hydraulic conductivity (distance/time)
 dh/dl is hydraulic gradient (unitless)
 n_e is effective porosity (unitless)

The average hydraulic conductivity used in Table 2 was obtained from the Revised Groundwater Impact Assessment Lincoln Stone Quarry Landfill – Addendum to IEPA Application Logs 2004-052 and 2009-213 dated March 13, 2013. The estimated effective porosity of the aquifer materials (0.05) was also obtained from the above noted document.

3.0 ANALYTICAL DATA AND STATUS OF EVALUATIONS

3.1 Sampling Summary

The groundwater sampling summary from 2025 is provided in Table 3, in accordance with 257.90 (e)(3).

3.2 Data Summary

As discussed in Section 1.0, this site is in assessment monitoring. The analytical data from the assessment monitoring groundwater sampling for Appendix III and IV parameters are provided in Tables 4 and 5, respectively for the standard monitoring wells, and in Tables 6 and 7 for the expanded assessment wells, respectively. Tables 4 and 6 include Prediction Limits (PLs) for Appendix III parameters and Tables 5 and 7 include site-specific Groundwater Protection Standards (GWPSs) under the federal CCR rule for detected Appendix IV constituents. All tables include the sample dates and whether the specific well is considered upgradient or downgradient relative to groundwater flow and the regulated unit(s). All duplicate values were within an acceptable range. The analytical data packages from these sampling events are provided in Attachment 2.

It is noted that, under separate cover, a Federal CCR Compliance Nature and Extent of Impacts Evaluation for the Lincoln Stone Quarry dated November 8, 2023 was placed into the facility's operating record.

3.3 Current Status

The site continues to be in assessment monitoring. Additional study is being developed for refining the definition of the extent of impacts in accordance with Section 257.95(g)(1). An off-site access agreement has been reached for monitoring well T16S located south of the LSQ and east of Brandon Road. An access agreement has not yet been reached with Gallagher Asphalt property on which assessment well T15S needs to be placed. Additional assessment well installations for wells T14S and T16S were completed in December 2025 to further refine the nature and extent of impacts. Sampling of those wells has not yet been completed and will occur in the 1st quarter 2026.

4.0 SUMMARY/CONCLUSIONS AND RECOMMENDATIONS

The site continues to be in assessment monitoring. The assessment monitoring requirements in accordance with the CCR rule are being met. Various wells showed concentrations of five Appendix IV parameters above the established GWPSs. Specifically, these were:

- Molybdenum – CCR wells R08S, R32S, G44S, G46S, G47S, and G48S (1st through 4th quarters) and expanded network wells G31S, T01S, T02S, T05S, T08S, T09S, and T12S (1st through 4th quarters)
- Lithium – CCR wells R08S, R32S, G46S, G47 (1st through 4th quarters), G20S (2nd quarter) and expanded network wells G31S, T08S, T09S, and T12S (1st through 4th quarters)
- Arsenic – CCR wells G46S, G47S (1st through 4th quarters), G48S (4th quarter) and expanded network wells T05S, T12S (1st through 4th quarters), T01S (2nd and 3rd quarters) T02S (4th quarter), T08S (2nd through 4th quarters)
- Antimony – Expanded network well T02S (4th quarter)
- Combined Radium – CCR well G46S (2nd quarter); expanded network wells T01S and T02S (3rd quarter)

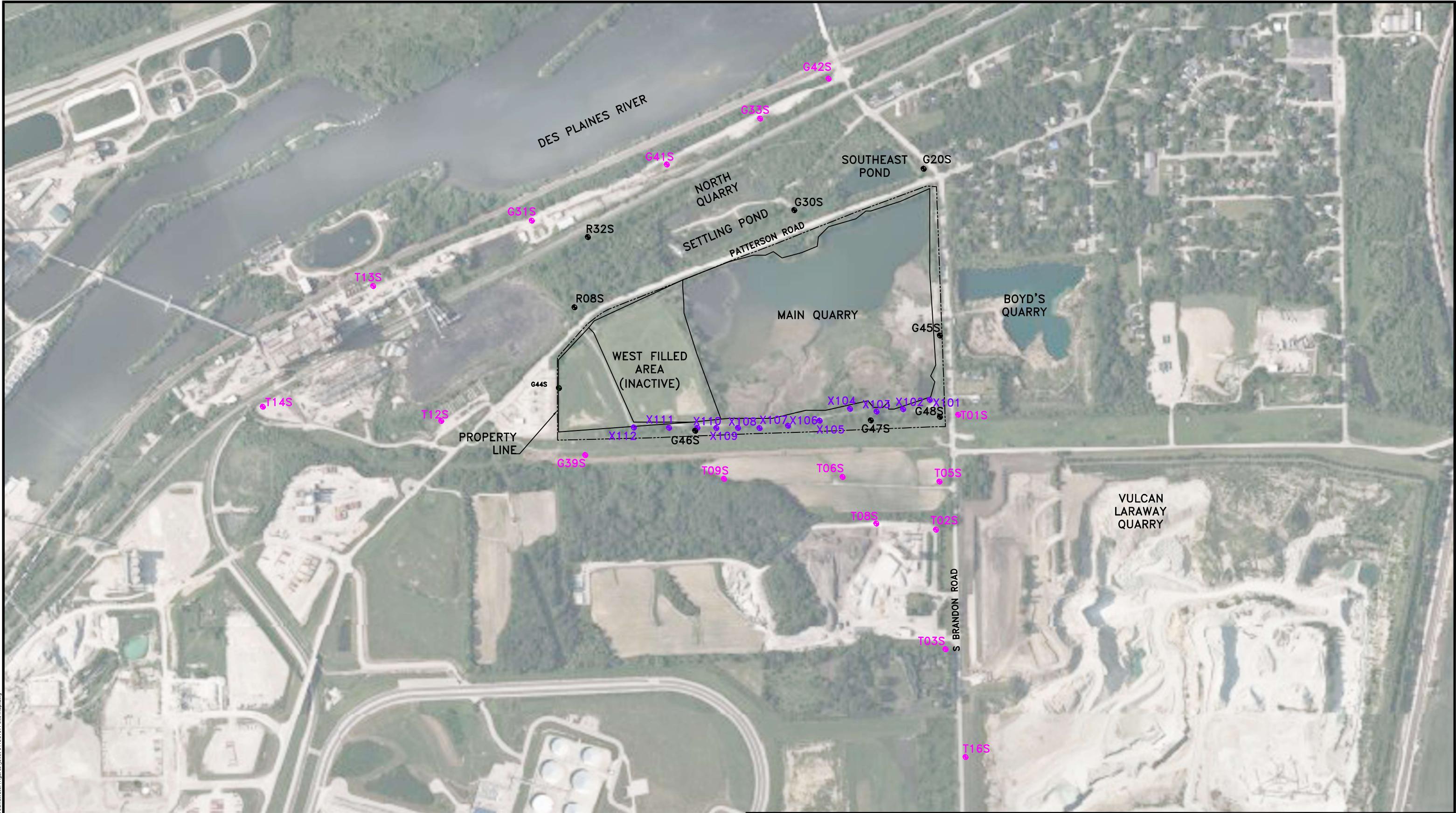
At this time, it is recommended to continue with assessment monitoring in accordance with Section 257.95 and formalize selection of remedy in accordance with Section 257.97 once the Application for Initial Construction Permit submitted to IEPA on January 28, 2022, as required under the State CCR Rule program, is approved. It is noted that once the final remedy is selected, initiation of remedial activities must occur within 90-days in accordance with Section 257.98.

A refinement of the nature and extent of impacts evaluation is also currently ongoing, as discussed in Sections 3.2 and 3.3, in accordance with Section 257.95(g)(1). Results of the additional ongoing work will be provided under separate cover.

5.0 REFERENCES

- Federal Register, Environmental Protection Agency, 40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities; Final Rule. Vol. 80, No. 74, Friday April 17, 2015.
- KPRG and Associates, Inc. and Geo-Hydro, Inc., Revised Groundwater Impact Assessment Lincoln Stone Quarry Landfill – Addendum to IEPA Application Logs 2004-052 and 2009-213. March 13, 2013.
- KPRG and Associates, Inc., CCR Assessment of Corrective Measures Joliet #9 Generating Station Time Extension. March 28, 2019.
- KPRG and Associates, Inc., CCR Compliance Assessment of Corrective Measures Report Lincoln Stone Quarry. May 31, 2019.
- KPRG and Associates, Inc., CCR Compliance Monitoring, Sampling and Analysis Plan, Midwest Generation, LLC Joliet #9 Generating Station. October 10, 2017.
- KPRG and Associates, Inc., Statistical Evaluation Summary CCR Groundwater Monitoring Joliet #9 Generating Station. January 12, 2018.
- KPRG and Associates, Inc., Initial Assessment Monitoring Data Evaluation CCR Groundwater Monitoring Joliet #9 Generating Station. April 12, 2018.
- KPRG and Associates, Inc., Statistical Evaluation Summary CCR Groundwater Assessment Monitoring Powerton Generation Station. October 4, 2018; Revised October 18, 2018.
- KPRG and Associates, Inc., CCR Compliance Statistical Approach for Groundwater Data Evaluation, Midwest Generation, LLC Joliet #9 Generating Station. October 10, 2017.
- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Reports, Midwest Generation, LLC Joliet #9 Generating Station. January 31, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024 and 2025.
- KPRG and Associates, Inc., Application for Initial Construction Permit, Joliet #9 Generating Station, Midwest Generation, LLC, January 28, 2022.
- KPRG and Associates, Inc., Federal CCR Compliance Nature and Extent of impacts Evaluation, Midwest Generation, LLC Joliet #9 Generating Station. November 8, 2023.

FIGURE



LEGEND

- G47S**  INITIAL CCR NETWORK MONITORING WELL
- T01S**  CCR ASSESSMENT MONITORING WELL
- X101**  EXTRACTION WELL



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FEDERAL CCR MONITORING WELLS LOCATIONS

LINCOLN STONE QUARRY
JOLIET, ILLINOIS

Scale: 1" = 650' | Date: January 20, 2026

KPRG Project No. 21406.19 | FIGURE 1

TABLES

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
R085	Nov-2015	578.65	66.74	511.91
	May-2016	578.65	67.02	511.63
	Jun-2016	578.65	67.50	511.15
	Aug-2016	578.65	67.47	511.18
	Nov-2016	578.65	67.84	510.81
	Feb-2017	578.65	69.28	509.37
	May-2017	578.65	67.56	511.09
	Jul-2017	578.65	67.54	511.11
	Sep-2017	578.65	65.72	512.93
	Nov-2017	578.65	64.83	513.82
	Mar-2018	578.65	65.12	513.53
	May-2018	578.65	65.31	513.34
	Oct-2018	578.62	65.48	513.14
	May-2019	578.62	67.24	511.38
	Nov-2019	578.62	66.78	511.84
	Apr-2020	578.62	65.63	512.99
	Oct-2020	578.62	68.14	510.48
	Apr-2021	578.62	69.20	509.42
	May-2021	578.62	68.06	510.56
	Jun-2021	578.62	68.49	510.13
	Jul-2021	578.62	66.54	512.08
	Aug-2021	578.62	67.38	511.24
	Sep-2022	578.62	67.15	511.47
	Oct-2021	578.62	68.05	510.57
	Nov-2021	578.62	66.18	512.44
	Dec-2021	578.62	69.45	509.17
	Jan-2022	578.62	66.75	511.87
	Feb-2022	578.62	67.19	511.43
	Mar-2022	578.62	66.09	512.53
	Apr-2022	578.62	66.96	511.66
	May-2022	578.62	67.58	511.04
	Jun-2022	578.62	68.20	510.42
	Jul-2022	578.62	66.21	512.41
	Aug-2022	578.62	65.86	512.76
	Sep-2022	578.62	67.21	511.41
	Oct-2022	578.62	65.20	513.42
	Nov-2022	578.62	66.41	512.21
	Dec-2022	578.62	66.33	512.29
	Jan-2023	578.62	66.52	512.10
	Feb-2023	578.62	66.37	512.25
	Mar-2023	578.62	64.31	514.31
	Apr-2023	578.62	69.77	508.85
	May-2023	578.62	70.38	508.24
	Jun-2023	578.62	70.29	508.33
	Jul-2023	578.62	69.93	508.69
	Aug-2023	578.62	71.18	507.44
	Sep-2023	578.62	69.85	508.77
	Oct-2023	578.62	73.29	505.33
	Nov-2023	578.62	73.78	504.84
	Dec-2023	578.62	70.99	507.63
	Jan-2024	578.62	73.32	505.30
	Feb-2024	578.62	72.10	506.52
	Mar-2024	578.62	73.39	505.23
	Apr-2024	578.62	70.14	508.48
	May-2024	578.62	68.11	510.51
	Jun-2024	578.62	70.59	508.03
	Jul-2024	578.62	70.00	508.62
	Aug-2024	578.62	70.21	508.41
	Sep-2024	578.62	73.09	505.53
	Oct-2024	578.64	73.14	505.50
	Nov-2024	578.64	73.49	505.15
	Dec-2024	578.64	73.66	504.98
	Jan-2025	578.64	82.00	496.64
	Feb-2025	578.64	73.70	504.94
	Mar-2025	578.64	74.02	504.62
	Apr-2025	578.64	70.79	507.85
	May-2025	578.64	70.06	508.58
	Jun-2025	578.64	70.29	508.35
	Jul-2025	578.64	70.61	508.03
	Aug-2025	578.64	70.43	508.21
	Sep-2025	578.64	71.23	507.41
	Oct-2025	578.64	71.99	506.65
	Nov-2025	578.64	72.13	506.51
	Dec-2025	578.64	72.10	506.54

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G205	Nov-2015	580.33	55.33	525.00
	May-2016	580.33	51.32	529.01
	Jun-2016	580.33	53.14	527.19
	Aug-2016	580.33	61.32	519.01
	Nov-2016	580.33	54.69	525.64
	Feb-2017	580.33	52.41	527.92
	May-2017	580.33	46.06	534.27
	Jul-2017	580.33	47.85	532.48
	Sep-2017	580.33	49.02	531.31
	Nov-2017	580.33	52.57	527.76
	Mar-2018	580.33	46.65	533.68
	May-2018	580.33	48.83	531.50
	Oct-2018	580.91	49.46	531.45
	May-2019	580.91	39.03	541.88
	Nov-2019	580.91	41.82	539.09
	Apr-2020	580.91	41.69	539.22
	Oct-2020	580.91	46.74	534.17
	Apr-2021	580.91	45.69	535.22
	May-2021	580.91	46.15	534.76
	Jun-2021	580.91	48.50	532.41
	Jul-2021	580.91	56.19	524.72
	Aug-2021	580.91	64.02	516.89
	Sep-2021	580.91	72.75	508.16
	Oct-2021	580.91	78.99	501.92
	Nov-2021	580.91	77.54	503.37
	Dec-2021	580.91	129.36	451.55
	Jan-2022	580.91	72.71	508.20
	Feb-2022	580.91	67.38	513.53
	Mar-2022	580.91	55.70	525.21
	Apr-2022	580.91	60.53	520.38
	May-2022	580.91	67.59	513.32
	Jun-2022	580.91	67.32	513.59
	Jul-2022	580.91	73.05	507.86
	Aug-2022	580.91	71.72	509.19
	Sep-2022	580.91	73.94	506.97
	Oct-2022	580.91	79.84	501.07
	Nov-2022	580.91	82.86	498.05
	Dec-2022	580.91	72.26	508.65
	Jan-2023	580.91	69.70	511.21
	Feb-2023	580.91	66.19	514.72
	Mar-2023	580.91	55.27	525.64
	Apr-2023	580.91	55.07	525.84
	May-2023	580.91	50.69	530.22
	Jun-2023	580.91	53.60	527.31
	Jul-2023	580.91	60.64	520.27
	Aug-2023	580.91	57.12	523.79
	Sep-2023	580.91	58.38	522.53
	Oct-2023	580.91	55.38	525.53
	Nov-2023	580.91	53.54	527.37
	Dec-2023	580.91	54.10	526.81
	Jan-2024	580.91	56.36	524.55
	Feb-2024	580.91	51.01	529.90
	Mar-2024	580.91	61.25	519.66
	Apr-2024	580.91	54.29	526.62
	May-2024	580.91	48.51	532.40
	Jun-2024	580.91	47.98	532.93
	Jul-2024	580.91	53.79	527.12
	Aug-2024	580.91	55.15	525.76
	Sep-2024	580.91	73.09	507.82
	Oct-2024	580.79	57.02	523.77
	Nov-2024	580.79	69.99	510.80
	Dec-2024	580.79	68.05	512.74
	Jan-2025	580.79	67.75	513.04
	Feb-2025	580.79	72.23	508.56
	Mar-2025	580.79	69.12	511.67
	Apr-2025	580.79	76.70	504.09
	May-2025	580.79	78.29	502.50
	Jun-2025	580.79	73.23	507.56
	Jul-2025	580.79	73.88	506.91
	Aug-2025	580.79	72.03	508.76
	Sep-2025	580.79	64.48	516.31
	Oct-2025	580.79	68.34	512.45
	Nov-2025	580.79	67.58	513.21
	Dec-2025	580.79	64.46	516.33

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G305	Nov-2015	524.40	2.74	521.66
	May-2016	524.40	2.53	521.87
	Jun-2016	524.40	3.54	520.86
	Aug-2016	524.40	2.45	521.95
	Nov-2016	524.40	2.57	521.83
	Feb-2017	524.40	2.13	522.27
	May-2017	524.40	1.69	522.71
	Jul-2017	524.40	1.96	522.44
	Sep-2017	524.40	1.84	522.56
	Nov-2017	524.40	1.48	522.92
	Mar-2018	524.40	1.48	522.92
	May-2018	524.40	1.62	522.78
	Oct-2018	524.70	2.51	522.19
	May-2019	524.70	1.57	523.13
	Nov-2019	524.70	1.53	523.17
	Apr-2020	524.70	1.03	523.67
	Oct-2020	524.70	2.19	522.51
	Apr-2021	524.70	2.55	522.15
	May-2021	524.70	2.37	522.33
	Jun-2021	524.70	2.53	522.17
	Jul-2021	524.70	2.32	522.38
	Aug-2021	524.70	2.45	522.25
	Sep-2021	524.70	2.65	522.05
	Oct-2021	524.70	2.43	522.27
	Nov-2021	524.70	2.20	522.50
	Dec-2021	524.70	2.21	522.49
	Jan-2022	524.70	2.25	522.45
	Feb-2022	524.70	2.01	522.69
	Mar-2022	524.70	2.02	522.68
	Apr-2022	524.70	1.84	522.86
	May-2022	524.70	1.77	522.93
	Jun-2022	524.70	1.82	522.88
	Jul-2022	524.70	1.18	523.52
	Aug-2022	524.70	1.65	523.05
	Sep-2022	524.70	2.59	522.11
	Oct-2022	524.70	2.61	522.09
	Nov-2022	524.70	2.60	522.10
	Dec-2022	524.70	2.48	522.22
	Jan-2023	524.70	2.42	522.28
	Feb-2023	524.70	2.26	522.44
	Mar-2023	524.70	2.31	522.39
	Apr-2023	524.70	2.21	522.49
	May-2023	524.70	2.82	521.88
	Jun-2023	524.70	2.44	522.26
	Jul-2023	524.70	2.29	522.41
	Aug-2023	524.70	2.30	522.40
	Sep-2023	524.70	2.06	522.64
	Oct-2023	524.70	2.10	522.60
	Nov-2023	524.70	2.65	522.05
	Dec-2023	524.70	2.10	522.60
	Jan-2024	524.70	2.10	522.60
	Feb-2024	524.70	1.93	522.77
	Mar-2024	524.70	1.97	522.73
	Apr-2024	524.70	1.47	523.23
	May-2024	524.70	1.69	523.01
	Jun-2024	524.70	1.49	523.21
	Jul-2024	524.70	1.49	523.21
	Aug-2024	524.70	1.45	523.25
	Sep-2024	524.70	1.54	523.16
	Oct-2024	524.78	1.54	523.24
	Nov-2024	524.78	1.79	522.99
	Dec-2024	524.78	1.89	522.89
	Jan-2025	524.78	1.80	522.98
	Feb-2025	524.78	1.79	522.99
	Mar-2025	524.78	1.81	522.97
	Apr-2025	524.78	1.75	523.03
	May-2025	524.78	1.59	523.19
	Jun-2025	524.78	1.76	523.02
	Jul-2025	524.78	1.84	522.94
	Aug-2025	524.78	2.78	522.00
	Sep-2025	524.78	1.74	523.04
	Oct-2025	524.78	2.04	522.74
	Nov-2025	524.78	2.12	522.66
	Dec-2025	524.78	2.03	522.75

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
R325	Nov-2015	536.81	19.99	516.82
	May-2016	536.81	19.72	517.09
	Jun-2016	536.81	20.51	516.30
	Aug-2016	536.81	20.51	516.30
	Nov-2016	536.81	20.24	516.57
	Feb-2017	536.81	21.12	515.69
	May-2017	536.81	19.33	517.48
	Jul-2017	536.81	19.38	517.43
	Sep-2017	536.81	17.91	518.90
	Nov-2017	536.81	16.32	520.49
	Mar-2018	536.81	16.98	519.83
	May-2018	536.81	20.26	516.55
	Oct-2018	536.99	18.32	518.67
	May-2019	536.99	19.28	517.71
	Nov-2019	536.99	19.09	517.90
	Apr-2020	536.99	17.74	519.25
	Oct-2020	536.99	20.76	516.23
	Apr-2021	536.99	22.06	514.93
	May-2021	536.99	21.41	515.58
	Jun-2021	536.99	21.19	515.80
	Jul-2021	536.99	19.69	517.30
	Aug-2021	536.99	NM	NM
	Sep-2021	536.99	21.18	515.81
	Oct-2021	536.99	20.91	516.08
	Nov-2021	536.99	19.17	517.82
	Dec-2021	536.99	21.74	515.25
	Jan-2022	536.99	19.69	517.30
	Feb-2022	536.99	20.06	516.93
	Mar-2022	536.99	19.68	517.31
	Apr-2022	536.99	19.80	517.19
	May-2022	536.99	20.09	516.90
	Jun-2022	536.99	20.49	516.50
	Jul-2022	536.99	18.70	518.29
	Aug-2022	536.99	20.59	516.40
	Sep-2022	536.99	20.17	516.82
	Oct-2022	536.99	18.28	518.71
	Nov-2022	536.99	19.28	517.71
	Dec-2022	536.99	18.35	518.64
	Jan-2023	536.99	19.31	517.68
	Feb-2023	536.99	19.36	517.63
	Mar-2023	536.99	22.18	514.81
	Apr-2023	536.99	21.92	515.07
	May-2023	536.99	22.41	514.58
	Jun-2023	536.99	22.35	514.64
	Jul-2023	536.99	22.15	514.84
	Aug-2023	536.99	22.95	514.04
	Sep-2023	536.99	22.34	514.65
	Oct-2023	536.99	24.92	512.07
	Nov-2023	536.99	25.28	511.71
	Dec-2023	536.99	22.74	514.25
	Jan-2024	536.99	24.81	512.18
	Feb-2024	536.99	24.35	512.64
	Mar-2024	536.99	24.73	512.26
	Apr-2024	536.99	21.93	515.06
	May-2024	536.99	20.11	516.88
	Jun-2024	536.99	22.13	514.86
	Jul-2024	536.99	21.60	515.39
	Aug-2024	536.99	21.74	515.25
	Sep-2024	536.99	24.06	512.93
	Oct-2024	537.04	24.10	512.94
	Nov-2024	537.04	24.83	512.21
	Dec-2024	537.04	24.85	512.19
	Jan-2025	537.04	24.58	512.46
	Feb-2025	537.04	24.90	512.14
	Mar-2025	537.04	25.13	511.91
	Apr-2025	537.04	22.65	514.39
	May-2025	537.04	22.00	515.04
	Jun-2025	537.04	22.24	514.80
	Jul-2025	537.04	22.31	514.73
	Aug-2025	537.04	22.25	514.79
	Sep-2025	537.04	22.91	514.13
	Oct-2025	537.04	23.81	513.23
	Nov-2025	537.04	24.01	513.03
	Dec-2025	537.04	23.98	513.06

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G44S	Nov-2015	586.69	80.54	506.15
	May-2016	586.69	80.42	506.27
	Jun-2016	586.69	80.68	506.01
	Aug-2016	586.69	80.65	506.04
	Nov-2016	586.69	80.69	506.00
	Feb-2017	586.69	84.34	502.35
	May-2017	586.69	82.14	504.55
	Jul-2017	586.69	81.13	505.56
	Sep-2017	586.69	80.15	506.54
	Nov-2017	586.69	77.10	509.59
	Mar-2018	586.69	78.74	507.95
	May-2018	586.69	80.17	506.52
	Oct-2018	586.53	78.21	508.32
	May-2019	586.53	80.05	506.48
	Nov-2019	586.53	79.96	506.57
	Apr-2020	586.53	79.25	507.28
	Oct-2020	586.53	81.51	505.02
	Apr-2021	586.53	82.51	504.02
	May-2021	586.53	80.80	505.73
	Jun-2021	586.53	82.21	504.32
	Jul-2021	586.53	79.66	506.87
	Aug-2021	586.53	80.80	505.73
	Sep-2021	586.53	80.90	505.63
	Oct-2021	586.53	77.51	509.02
	Nov-2021	586.53	66.28	520.25
	Dec-2021	586.53	82.71	503.82
	Jan-2022	586.53	80.30	506.23
	Feb-2022	586.53	81.07	505.46
	Mar-2022	586.53	79.64	506.89
	Apr-2022	586.53	78.65	507.88
	May-2022	586.53	89.85	496.68
	Jun-2022	586.53	80.75	505.78
	Jul-2022	586.53	80.09	506.44
	Aug-2022	586.53	79.01	507.52
	Sep-2022	586.53	80.24	506.29
	Oct-2022	586.53	78.82	507.71
	Nov-2022	586.53	79.79	506.74
	Dec-2022	586.53	80.89	505.64
	Jan-2023	586.53	80.04	506.49
	Feb-2023	586.53	80.59	505.94
	Mar-2023	586.53	78.52	508.01
	Apr-2023	586.53	82.13	504.40
	May-2023	586.53	83.05	503.48
	Jun-2023	586.53	83.12	503.41
	Jul-2023	586.53	32.61	553.92
	Aug-2023	586.53	52.75	533.78
	Sep-2023	586.53	82.75	503.78
	Oct-2023	586.53	85.46	501.07
	Nov-2023	586.53	86.11	500.42
	Dec-2023	586.53	83.45	503.08
	Jan-2024	586.53	85.51	501.02
	Feb-2024	586.53	84.59	501.94
	Mar-2024	586.53	85.57	500.96
	Apr-2024	586.53	81.46	505.07
	May-2024	586.53	79.63	506.90
	Jun-2024	586.53	82.25	504.28
	Jul-2024	586.53	82.04	504.49
	Aug-2024	586.53	82.42	504.11
	Sep-2024	586.53	85.12	501.41
	Oct-2024	586.62	85.51	501.11
	Nov-2024	586.62	85.61	501.01
	Dec-2024	586.62	85.95	500.67
	Jan-2025	586.62	85.61	501.01
	Feb-2025	586.62	86.11	500.51
	Mar-2025	586.62	86.35	500.27
	Apr-2025	586.62	83.26	503.36
	May-2025	586.62	82.41	504.21
	Jun-2025	586.62	82.73	503.89
	Jul-2025	586.62	83.20	503.42
	Aug-2025	586.62	83.03	503.59
	Sep-2025	586.62	83.60	503.02
	Oct-2025	586.62	84.23	502.39
	Nov-2025	586.62	84.51	502.11
	Dec-2025	586.62	84.46	502.16

MSL - Mean Sea Level

TOC - Top of Casing

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NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G45S	Nov-2015	603.31	68.90	534.41
	May-2016	603.31	67.28	536.03
	Jun-2016	603.31	68.88	534.43
	Aug-2016	603.31	68.39	534.92
	Nov-2016	603.31	66.69	536.62
	Feb-2017	603.31	65.34	537.97
	May-2017	603.31	63.07	540.24
	Jul-2017	603.31	63.44	539.87
	Sep-2017	603.31	63.10	540.21
	Nov-2017	603.31	62.28	541.03
	Mar-2018	603.31	61.82	541.49
	May-2018	603.31	68.50	534.81
	Oct-2018	603.90	66.74	537.16
	May-2019	603.90	62.72	541.18
	Nov-2019	603.90	62.38	541.52
	Apr-2020	603.90	60.10	543.80
	Oct-2020	603.90	65.51	538.39
	Apr-2021	603.90	67.71	536.19
	May-2021	603.90	67.32	536.58
	Jun-2021	603.90	67.41	536.49
	Jul-2021	603.90	66.55	537.35
	Aug-2021	603.90	66.74	537.16
	Sep-2021	603.90	66.87	537.03
	Oct-2021	603.90	66.94	536.96
	Nov-2021	603.90	66.28	537.62
	Dec-2021	603.90	66.15	537.75
	Jan-2022	603.90	66.16	537.74
	Feb-2022	603.90	66.13	537.77
	Mar-2022	603.90	65.50	538.40
	Apr-2022	603.90	64.85	539.05
	May-2022	603.90	64.13	539.77
	Jun-2022	603.90	64.07	539.83
	Jul-2022	603.90	64.36	539.54
	Aug-2022	603.90	53.95	549.95
	Sep-2022	603.90	67.31	536.59
	Oct-2022	603.90	67.47	536.43
	Nov-2022	603.90	67.51	536.39
	Dec-2022	603.90	67.78	536.12
	Jan-2023	603.90	67.34	536.56
	Feb-2023	603.90	67.42	536.48
	Mar-2023	603.90	66.14	537.76
	Apr-2023	603.90	66.11	537.79
	May-2023	603.90	66.12	537.78
	Jun-2023	603.90	66.33	537.57
	Jul-2023	603.90	66.21	537.69
	Aug-2023	603.90	66.20	537.70
	Sep-2023	603.90	65.12	538.78
	Oct-2023	603.90	65.89	538.01
	Nov-2023	603.90	66.51	537.39
	Dec-2023	603.90	66.45	537.45
	Jan-2024	603.90	65.20	538.70
	Feb-2024	603.90	64.97	538.93
	Mar-2024	603.90	64.95	538.95
	Apr-2024	603.90	60.83	543.07
	May-2024	603.90	63.22	540.68
	Jun-2024	603.90	62.52	541.38
	Jul-2024	603.90	62.45	541.45
	Aug-2024	603.90	62.39	541.51
	Sep-2024	603.90	62.62	541.28
	Oct-2024	603.81	62.73	541.08
	Nov-2024	603.81	64.55	539.26
	Dec-2024	603.81	64.63	539.18
	Jan-2025	603.81	64.51	539.30
	Feb-2025	603.81	64.50	539.31
	Mar-2025	603.81	64.39	539.42
	Apr-2025	603.81	64.17	539.64
	May-2025	603.81	63.69	540.12
	Jun-2025	603.81	63.98	539.83
	Jul-2025	603.81	64.15	539.66
	Aug-2025	603.81	64.27	539.54
	Sep-2025	603.81	64.12	539.69
	Oct-2025	603.81	65.60	538.21
	Nov-2025	603.81	65.78	538.03
	Dec-2025	603.81	65.83	537.98

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¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G46S	Nov-2015	601.32	95.78	505.54
	May-2016	601.32	96.74	504.58
	Jun-2016	601.32	97.31	504.01
	Aug-2016	601.32	97.32	504.00
	Nov-2016	601.32	97.50	503.82
	Feb-2017	601.32	98.14	503.18
	May-2017	601.32	98.43	502.89
	Jul-2017	601.32	98.96	502.36
	Sep-2017	601.32	96.61	504.71
	Nov-2017	601.32	95.65	505.67
	Mar-2018	601.32	96.80	504.52
	May-2018	601.32	95.59	505.73
	Oct-2018	601.43	91.34	510.09
	May-2019	601.43	101.40	500.03
	Nov-2019	601.43	100.01	503.83
	Apr-2020	601.43	100.19	501.24
	Oct-2020	601.43	101.44	499.99
	Apr-2021	601.43	103.09	498.34
	May-2021	601.43	99.02	502.41
	Jun-2021	601.43	100.03	501.40
	Jul-2021	601.43	94.99	506.44
	Aug-2021	601.43	99.46	501.97
	Sep-2021	601.43	99.09	502.34
	Oct-2021	601.43	100.36	501.07
	Nov-2021	601.43	95.22	506.21
	Dec-2021	601.43	105.28	496.15
	Jan-2022	601.43	95.79	505.64
	Feb-2022	601.43	95.75	505.68
	Mar-2022	601.43	95.71	505.72
	Apr-2022	601.43	105.41	496.02
	May-2022	601.43	102.83	498.60
	Jun-2022	601.43	103.40	498.03
	Jul-2022	601.43	105.51	495.92
	Aug-2022	601.43	107.49	493.94
	Sep-2022	601.43	96.60	504.83
	Oct-2022	601.43	92.39	509.04
	Nov-2022	601.43	93.24	508.19
	Dec-2022	601.43	93.90	507.53
	Jan-2023	601.43	94.61	506.82
	Feb-2023	601.43	95.79	505.64
	Mar-2023	601.43	91.99	509.44
	Apr-2023	601.43	106.56	494.87
	May-2023	601.43	108.96	492.47
	Jun-2023	601.43	104.26	497.17
	Jul-2023	601.43	105.51	495.92
	Aug-2023	601.43	105.75	495.68
	Sep-2023	601.43	106.12	495.31
	Oct-2023	601.43	107.45	493.98
	Nov-2023	601.43	112.32	489.11
	Dec-2023	601.43	109.48	491.95
	Jan-2024	601.43	111.39	490.04
	Feb-2024	601.43	111.22	490.21
	Mar-2024	601.43	109.54	491.89
	Apr-2024	601.43	105.54	495.89
	May-2024	601.43	98.68	502.75
	Jun-2024	601.43	102.09	499.34
	Jul-2024	601.43	101.72	499.71
	Aug-2024	601.43	101.13	500.30
	Sep-2024	601.43	108.30	493.13
	Oct-2024	601.32	113.33	487.99
	Nov-2024	601.32	109.53	491.79
	Dec-2024	601.32	108.79	492.53
	Jan-2025	601.32	111.90	489.42
	Feb-2025	601.32	108.94	492.38
	Mar-2025	601.32	113.22	488.10
	Apr-2025	601.32	110.63	490.69
	May-2025	601.32	107.74	493.58
	Jun-2025	601.32	105.96	495.36
	Jul-2025	601.32	101.95	499.37
	Aug-2025	601.32	100.84	500.48
	Sep-2025	601.32	102.50	498.82
	Oct-2025	601.32	103.32	498.00
	Nov-2025	601.32	103.73	497.59
	Dec-2025	601.32	103.51	497.81

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G47S	Nov-2015	612.32	99.44	512.88
	May-2016	612.32	95.48	516.84
	Jun-2016	612.32	96.58	515.74
	Aug-2016	612.32	96.79	515.53
	Nov-2016	612.32	88.96	523.36
	Feb-2017	612.32	96.41	515.91
	May-2017	612.32	92.61	519.71
	Jul-2017	612.32	93.53	518.79
	Sep-2017	612.32	93.50	518.82
	Nov-2017	612.32	92.57	519.75
	Mar-2018	612.32	93.63	518.69
	May-2018	612.32	93.51	518.81
	Oct-2018	612.10	96.29	515.81
	May-2019	612.10	91.78	520.32
	Nov-2019	612.10	91.98	520.12
	Apr-2020	612.10	89.34	522.76
	Oct-2020	612.10	86.78	525.32
	Apr-2021	612.10	96.78	515.32
	May-2021	612.10	96.77	515.33
	Jun-2021	612.10	96.78	515.32
	Jul-2021	612.10	94.99	517.11
	Aug-2021	612.10	95.92	516.18
	Sep-2021	612.10	96.51	515.59
	Oct-2021	612.10	96.84	515.26
	Nov-2021	612.10	95.49	516.61
	Dec-2021	612.10	95.98	516.12
	Jan-2022	612.10	95.61	516.49
	Feb-2022	612.10	96.08	516.02
	Mar-2022	612.10	94.26	517.84
	Apr-2022	612.10	92.90	519.20
	May-2022	612.10	92.19	519.91
	Jun-2022	612.10	92.26	519.84
	Jul-2022	612.10	93.24	518.86
	Aug-2022	612.10	86.20	525.90
	Sep-2022	612.10	88.85	523.25
	Oct-2022	612.10	88.50	523.60
	Nov-2022	612.10	95.24	516.86
	Dec-2022	612.10	96.57	515.53
	Jan-2023	612.10	96.16	515.94
	Feb-2023	612.10	96.20	515.90
	Mar-2023	612.10	94.95	517.15
	Apr-2023	612.10	94.75	517.35
	May-2023	612.10	95.10	517.00
	Jun-2023	612.10	95.05	517.05
	Jul-2023	612.10	94.38	517.72
	Aug-2023	612.10	95.11	516.99
	Sep-2023	612.10	95.26	516.84
	Oct-2023	612.10	95.74	516.36
	Nov-2023	612.10	95.95	516.15
	Dec-2023	612.10	95.82	516.28
	Jan-2024	612.10	95.84	516.26
	Feb-2024	612.10	94.24	517.86
	Mar-2024	612.10	94.73	517.37
	Apr-2024	612.10	92.96	519.14
	May-2024	612.10	91.45	520.65
	Jun-2024	612.10	91.15	520.95
	Jul-2024	612.10	91.39	520.71
	Aug-2024	612.10	91.66	520.44
	Sep-2024	612.10	92.65	519.45
	Oct-2024	612.16	92.63	519.53
	Nov-2024	612.16	94.99	517.17
	Dec-2024	612.16	94.78	517.38
	Jan-2025	612.16	95.35	516.81
	Feb-2025	612.16	95.29	516.87
	Mar-2025	612.16	95.51	516.65
	Apr-2025	612.16	94.80	517.36
	May-2025	612.16	94.24	517.92
	Jun-2025	612.16	94.60	517.56
	Jul-2025	612.16	94.50	517.66
	Aug-2025	612.16	94.54	517.62
	Sep-2025	612.16	94.65	517.51
	Oct-2025	612.16	95.63	516.53
	Nov-2025	612.16	95.75	516.41
	Dec-2025	612.16	96.11	516.05

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
G485	Nov-2015	620.77	106.83	513.94
	May-2016	620.77	105.20	515.57
	Jun-2016	620.77	104.95	515.82
	Aug-2016	620.77	104.77	516.00
	Nov-2016	620.77	102.41	518.36
	Feb-2017	620.77	103.05	517.72
	May-2017	620.77	100.06	520.71
	Jul-2017	620.77	102.31	518.46
	Sep-2017	620.77	102.88	517.89
	Nov-2017	620.77	100.83	519.94
	Mar-2018	620.77	99.77	521.00
	May-2018	620.77	100.74	520.03
	Oct-2018	620.78	105.79	514.99
	May-2019	620.78	98.18	522.60
	Nov-2019	620.78	98.30	522.48
	Apr-2020	620.78	95.54	525.24
	Oct-2020	620.78	100.63	520.15
	Apr-2021	620.78	104.98	515.80
	May-2021	620.78	103.69	517.09
	Jun-2021	620.78	NM	NM
	Jul-2021	620.78	100.85	519.93
	Aug-2021	620.78	95.92	524.86
	Sep-2021	620.78	105.19	515.59
	Oct-2021	620.78	106.32	514.46
	Nov-2021	620.78	103.91	516.87
	Dec-2021	620.78	105.09	515.69
	Jan-2022	620.78	104.97	515.81
	Feb-2022	620.78	105.59	515.19
	Mar-2022	620.78	104.27	516.51
	Apr-2022	620.78	101.51	519.27
	May-2022	620.78	101.03	519.75
	Jun-2022	620.78	101.51	519.27
	Jul-2022	620.78	102.06	518.72
	Aug-2022	620.78	99.48	521.30
	Sep-2022	620.78	104.86	515.92
	Oct-2022	620.78	105.38	515.40
	Nov-2022	620.78	105.42	515.36
	Dec-2022	620.78	105.61	515.17
	Jan-2023	620.78	104.83	515.95
	Feb-2023	620.78	104.72	516.06
	Mar-2023	620.78	103.74	517.04
	Apr-2023	620.78	103.35	517.43
	May-2023	620.78	104.10	516.68
	Jun-2023	620.78	104.53	516.25
	Jul-2023	620.78	103.51	517.27
	Aug-2023	620.78	103.54	517.24
	Sep-2023	620.78	103.25	517.53
	Oct-2023	620.78	103.04	517.74
	Nov-2023	620.78	103.26	517.52
	Dec-2023	620.78	104.71	516.07
	Jan-2024	620.78	104.38	516.40
	Feb-2024	620.78	102.75	518.03
	Mar-2024	620.78	103.99	516.79
	Apr-2024	620.78	102.04	518.74
	May-2024	620.78	99.81	520.97
	Jun-2024	620.78	100.03	520.75
	Jul-2024	620.78	100.05	520.73
	Aug-2024	620.78	101.24	519.54
	Sep-2024	620.78	101.72	519.06
	Oct-2024	620.73	102.90	517.83
	Nov-2024	620.73	105.00	515.73
	Dec-2024	620.73	104.79	515.94
	Jan-2025	620.73	104.45	516.28
	Feb-2025	620.73	104.18	516.55
	Mar-2025	620.73	104.08	516.65
	Apr-2025	620.73	103.34	517.39
	May-2025	620.73	104.10	516.63
	Jun-2025	620.73	104.84	515.89
	Jul-2025	620.73	105.43	515.30
	Aug-2025	620.73	105.72	515.01
	Sep-2025	620.73	105.48	515.25
	Oct-2025	620.73	105.81	514.92
	Nov-2025	620.73	105.71	515.02
	Dec-2025	620.73	105.79	514.94

MSL - Mean Sea Level

TOC - Top of Casing

¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 1. Groundwater Elevations, Midwest Generation, LLC, Joliet Station #9.

Well ID	Date ¹	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
T035	Nov-2015	629.65	136.30	493.35
	May-2016	629.65	135.24	494.41
	Jun-2016	629.65	134.26	495.39
	Aug-2016	629.65	134.13	495.52
	Nov-2016	629.65	135.03	494.62
	Feb-2017	629.65	134.92	494.73
	May-2017	629.65	131.87	497.78
	Jul-2017	629.65	135.99	493.66
	Sep-2017	629.65	136.40	493.25
	Nov-2017	629.65	133.61	496.04
	Mar-2018	629.65	131.05	498.60
	May-2018	629.65	134.42	495.23
	Oct-2018	629.89	140.03	489.86
	May-2019	629.89	125.79	504.10
	Oct-2019	629.89	132.92	496.97
	Apr-2020	629.89	133.84	496.05
	Oct-2020	629.89	135.88	494.01
	Apr-2021	629.89	138.78	491.11
	May-2021	629.89	NM	NM
	Jun-2021	629.89	138.84	491.05
	Jul-2021	629.89	134.89	495.00
	Aug-2021	629.89	NM	NM
	Sep-2021	629.89	139.69	490.20
	Oct-2021	629.89	141.48	488.41
	Nov-2021	629.89	138.02	491.87
	Dec-2021	629.89	139.40	490.49
	Jan-2022	629.89	139.64	490.25
	Feb-2022	629.89	140.43	489.46
	Mar-2022	629.89	138.79	491.10
	Apr-2022	629.89	133.53	496.36
	May-2022	629.89	134.64	495.25
	Jun-2022	629.89	134.89	495.00
	Jul-2022	629.89	135.18	494.71
	Aug-2022	629.89	134.83	495.06
	Sep-2022	629.89	140.62	489.27
	Oct-2022	629.89	140.18	489.71
	Nov-2022	629.89	140.29	489.60
	Dec-2022	629.89	140.69	489.20
	Jan-2023	629.89	140.43	489.46
	Feb-2023	629.89	141.27	488.62
	Mar-2023	629.89	140.25	489.64
	Apr-2023	629.89	139.07	490.82
	May-2023	629.89	138.25	491.64
	Jun-2023	629.89	140.27	489.62
	Jul-2023	629.89	139.44	490.45
	Aug-2023	629.89	140.48	489.41
	Sep-2023	629.89	138.60	491.29
	Oct-2023	629.89	141.45	488.44
	Nov-2023	629.89	141.38	488.51
	Dec-2023	629.89	142.03	487.86
	Jan-2024	629.89	141.48	488.41
	Feb-2024	629.89	138.38	491.51
	Mar-2024	629.89	140.69	489.20
	Apr-2024	629.89	136.60	493.29
	May-2024	629.89	134.00	495.89
	Jun-2024	629.89	134.94	494.95
	Jul-2024	629.89	134.89	495.00
	Aug-2024	629.89	135.86	494.03
	Sep-2024	629.89	137.44	492.45
	Oct-2024	629.73	139.68	490.05
	Nov-2024	629.73	141.63	488.10
	Dec-2024	629.73	141.46	488.27
	Jan-2025	629.73	141.70	488.03
	Feb-2025	629.73	142.19	487.54
	Mar-2025	629.73	142.10	487.63
	Apr-2025	629.73	140.94	488.79
	May-2025	629.73	139.56	490.17
	Jun-2025	629.73	140.13	489.60
	Jul-2025	629.73	139.84	489.89
	Aug-2025	629.73	139.00	490.73
	Sep-2025	629.73	139.37	490.36
	Oct-2025	629.73	140.22	489.51
	Nov-2025	629.73	140.69	489.04
	Dec-2025	629.73	140.74	488.99

MSL - Mean Sea Level

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¹ - Date of water levels collected at beginning of quarter, actual sample date may vary.

NM - Not Measured

Table 2. Groundwater Flow Direction and Estimated Seepage Velocity/Flow Rate - Joliet #9 Generation Station (Lincoln Stone Quarry).

DATE	Natural Groundwater Flow Direction	Kavg (ft/sec)*	Average Hydraulic Gradient (ft/ft)	Porosity (unitless)**	Estimated Seepage Velocity (ft/day)
August-24	Northerly and Westerly	1.38E-05	0.0541	0.05	1.29
November-24	Northerly and Westerly	1.38E-05	0.0602	0.05	1.44
March-25	Northerly and Westerly	1.38E-05	0.0435	0.05	1.04
June-25	Northerly and Westerly	1.38E-05	0.0889	0.05	2.12
September-25	Northerly and Westerly	1.38E-05	0.0362	0.05	0.86
December-25	Northerly and Westerly	1.38E-05	0.0308	0.05	0.73

* Kavg - Average hydraulic conductivity (feet/second) from Revised Groundwater Impacts assessment Lincoln Stone Quarry, 3/13/2013.

** - Porosity estimate from Revised Groundwater Impacts assessment Lincoln Stone Quarry, 3/13/2013.

Table 3. CCR Groundwater Sample Collection Summary for 2025 - Joliet #9 Lincoln Stone Quarry

Well ID	Number of Groundwater Sampling Events	Dates of Groundwater Sampling Events	Detection Monitoring (D), Assessment Monitoring (A), Nature and Extent (N&E)
G45S (Upgradient)	4	3/26/2025	A
		6/12/2025	A
		9/18/2025	A
		12/26/2025	A
T03S (Upgradient)	4	3/26/2025	A
		6/16/2025	A
		9/10/2025	A
		12/23/2025	A
R08S (Downgradient)	4	3/24/2025	A
		6/13/2025	A
		9/16/2025	A
		12/23/2025	A
G20S (Downgradient)	4	3/21/2025	A
		6/11/2025	A
		9/16/2025	A
		12/22/2025	A
G30S (Downgradient)	4	3/21/2025	A
		6/11/2025	A
		9/18/2025	A
		12/22/2025	A
R32S (Downgradient)	4	3/24/2025	A
		6/16/2025	A
		9/18/2025	A
		12/23/2025	A
G44S (Downgradient)	4	3/26/2025	A
		6/12/2025	A
		9/19/2025	A
		12/26/2025	A
G46S (Downgradient)	4	3/24/2025	A
		6/12/2025	A
		9/16/2025	A
		12/26/2025	A
G47S (Downgradient)	4	3/26/2025	A
		6/16/2025	A
		9/15/2025	A
		12/26/2025	A
G48S (Downgradient)	4	3/26/2025	A
		6/13/2025	A
		9/15/2025	A
		12/26/2025	A
G31S (Downgradient)	4	3/20/2025	N&E
		6/9/2025	N&E
		9/12/2025	N&E
		12/22/2025	N&E
G33S (Downgradient)	4	3/20/2025	N&E
		6/9/2025	N&E
		9/12/2025	N&E
		12/17/2025	N&E
G39S (Downgradient)	4	3/26/2025	N&E
		6/12/2025	N&E
		9/19/2025	N&E
		12/26/2025	N&E
T01S (Downgradient)	4	3/19/2025	N&E
		6/19/2025	N&E
		9/11/2025	N&E
		12/17/2025	N&E
T02S (Downgradient)	4	3/18/2025	N&E
		6/17/2025	N&E
		9/10/2025	N&E
		12/12/2025	N&E
T05S (Downgradient)	4	3/18/2025	N&E
		6/10/2025	N&E
		9/11/2025	N&E
		12/12/2025	N&E
T06S (Downgradient)	4	3/17/2025	N&E
		6/10/2025	N&E
		9/9/2025	N&E
		12/9/2025	N&E
T08S (Downgradient)	4	3/18/2025	N&E
		6/17/2025	N&E
		9/10/2025	N&E
		12/16/2025	N&E
T09S (Downgradient)	4	3/17/2025	N&E
		6/10/2025	N&E
		9/9/2025	N&E
		12/9/2025	N&E
T12S (Downgradient)	4	3/20/2025	N&E
		6/19/2025	N&E
		9/12/2025	N&E
		12/23/2025	N&E
T13S (Downgradient)	4	3/20/2025	N&E
		6/16/2025	N&E
		9/19/2025	N&E
		12/23/2025	N&E

Table 4. Initial Monitoring Well Network Appendix III Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
G45S up-gradient	11/20/15	0.81	120	180	0.35	7.20	360	810
	05/12/16	0.68	110	140	0.34	7.37	230	860
	06/30/16	0.48	87	110	0.34	7.50	170	670
	08/25/16	0.47	94	100	0.35	7.28	170	790
	11/16/16	0.41	91	90	0.33	7.34	170	620
	02/14/17	0.43	97	97	0.32	7.36	160	620
	05/23/17	0.36	85	110	0.35	7.30	150	660
	07/07/17	0.42	94	120	< 0.10	7.21	150	600
	Prediction Limit*	1.031	133.2	206.7	0.35	7.61-7.03	360	1,007
	09/26/17	0.43	110	130	0.3	7.21	160	790
	11/21/17	0.34	96	130	0.33	7.29	180	700
	03/09/18	0.38	97	110	0.32	7.18	180	710
	05/21/18	0.76	110	150	0.33	7.00	230	970
	12/07/18	0.46	91	120	0.33	7.02	100	740
	06/28/19	0.39	96	130	0.33	7.51	120	720
	11/14/19	0.48	110	170	0.33	7.33	170	830
	06/26/20	0.62	130	220	0.33	7.21	240	970
	12/11/20	0.70	120	180	0.38	7.16	220	760
	06/28/21	0.44	91	110	0.35	7.20	150	680
	12/16/21	0.34	84	87	0.36	7.35	130	510
	03/16/22	< 0.50	130	86	0.36	7.35	130	700
	06/10/22	0.34	84	110	0.35	7.28	130	630
	09/26/22	0.48	97	150	0.35	7.14	180	830
	12/21/22	0.39	110	190	0.72	7.06	190	920
	03/23/23	0.44	91	130	0.35	7.30	160	740
	06/30/23	0.44	89	120	0.36	7.23	150	610
	09/14/23	0.46	67	120	0.36	7.35	F1 150	600
	12/20/23	0.50	81	130	0.35	7.48	160	680
	03/12/24	0.39	84	110	0.36	7.49	150	640
	06/21/24	0.29	84	100	0.38	7.35	150	660
	08/29/24	0.45	96	120	0.31	7.30	150	700
	11/26/24	0.52	110	130	0.36	7.31	160	850
	03/26/25	0.38	92	120	0.37	7.41	160	710
	06/12/25	0.45	87	130	0.37	7.26	160	710
	09/18/25	0.46	96	130	0.40	7.34	160	720
	12/26/25	0.39	95	130	0.41	7.29	170	690
T03S up-gradient	11/19/15	0.52	110	75	0.22	7.07	250	710
	05/05/16	0.84	100	100	0.21	7.16	190	820
	06/28/16	0.98	100	94	0.19	7.30	180	910
	08/25/16	1.1	110	99	0.20	7.32	180	880
	11/17/16	1.3	120	100	0.19	7.14	150	860
	02/15/17	1.0	98	110	0.19	7.36	230	810
	05/22/17	1.4	110	78	0.23	7.25	160	740
	07/07/17	1.1	100	F1 71	< 0.10	7.32	180	710
	Prediction Limit*	1.85	129	134	0.26	7.55-6.93	292	1,030
	09/26/17	1.3	110	80	0.21	7.19	240	790
	11/20/17	1.7	98	90	0.24	7.13	230	770
	03/07/18	1.5	110	110	0.23	7.34	250	900
	05/17/18	1.8	100	82	0.24	7.07	210	890
	12/11/18	1.8	100	140	0.23	6.96	160	890
	06/24/19	2.7	100	89	0.27	7.17	260	830
	10/28/19	1.5	100	73	0.25	7.19	< 500	780
	06/23/20	2.3	97	74	0.33	7.29	240	770
	12/15/20	1.4	140	F1 170	0.27	7.01	280	960
	06/22/21	0.92	120	130	0.23	6.94	220	980
	12/09/21	2.4	130	110	0.23	7.48	F1 280	870
	03/14/22	3.6	31	110	0.22	7.37	280	1000
	06/13/22	1.7	130	160	0.21	7.44	260	980
	09/26/22	2.2	110	110	0.21	7.00	260	810
	12/21/22	2.9	110	91	0.52	7.44	300	960
	03/20/23	3.0	110	100	0.21	7.22	320	890
	06/30/23	2.1	120	120	0.20	7.4	230	850
	09/13/23	1.7	130	130	0.20	7.56	220	910
	12/12/23	1.7	120	120	0.18	7.42	220	940
	03/12/24	B 1.8	120	120	0.21	7.50	230	890
	06/21/24	1.3	100	120	0.21	7.23	190	970
	09/04/24	1.3	130	120	0.17	7.58	190	850
	11/27/24	0.47	120	110	0.18	7.52	140	840
	03/24/25	0.52	120	110	0.21	7.36	190	910
	06/16/25	0.44	110	120	0.21	7.07	170	800
	09/10/25	0.38	110	75	0.22	7.13	210	810
	12/23/25	0.58	140	61	0.22	7.06	400	980

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

Italicized Date = Detection Monitoring and resample after statistical background establishment.

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

** = Based on pooled background from G45S/T03S, all others based on G45S as background.

B = Compound was found in blank and sample.

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

Table 4. Initial Monitoring Well Network Appendix III Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
R08S down-gradient	11/23/15	6.9	130	77	0.19	7.80	520	740
	05/06/16	6.1	120	80	0.19	7.70	380	820
	06/28/16	6.8	130	89	0.18	7.49	320	960
	08/25/16	6.3	120	84	0.19	7.54	350	890
	11/21/16	6.4	120	86	0.17	7.53	280	790
	02/14/17	5.4	150	220	0.17	7.60	280	1,000
	05/25/17	12	250	90	0.17	7.56	340	830
	07/06/17	6.3	140	87	0.17	7.62	350	830
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/25/17	7.3	140	81	0.15	7.57	390	840
	11/21/17	7.3	130	89	0.15	8.05	380	800
	03/08/18	7.4	150	83	0.14	8.62	420	850
	05/18/18	7.7	140	82	0.14	8.25	320	920
	12/13/18	7.7	140	79	0.15	8.11	240	800
	06/19/19	8.5	140	83	0.14	8.10	360	820
	11/11/19	6.4	140	84	0.15	7.91	360	730
	06/26/20	7.9	140	83	0.15	8.32	370	750
	12/14/20	8.0	130	88	0.18	8.15	400	700
	06/23/21	7.6	140	79	0.16	8.07	430	810
	12/14/21	7.8	150	77	0.15	8.37	410	830
	03/11/22	7.7	130	75	0.16	8.21	420	840
	06/07/22	8.7	150	72	0.14	7.94	420	800
	09/19/22	8.4	140	79	0.14	8.47	430	780
	12/19/22	8.2	140	81	0.35	8.91	370	750
	03/22/23	7.6	150	77	0.15	8.39	450	880
	06/28/23	8.9	150	77	0.13	7.87	400	750
	09/07/23	7.0	130	81	0.13	8.05	410	760
	12/20/23	8.5	130	75	0.11	7.79	390	800
	02/29/24	8.2	140	71	0.13	7.96	400	770
	06/19/24	8.1	140	71	0.12	7.87	400	800
	08/27/24	8.9	140	69	0.11	7.98	410	770
	11/20/24	8.0	140	67	0.11	7.86	380	800
	03/24/25	6.1	140	64	0.14	7.79	320	F1 760
	06/13/25	8.6	140	70	0.10	8.18	390	750
	09/16/25	7.6	130	81	0.14	7.70	360	840
	12/23/25	8.1	140	76	0.12	8.07	460	720
G20S down-gradient	11/19/15	1.2	59	12	0.82	7.73	110	410
	05/11/16	1.2	53	12	0.81	7.52	77	410
	06/29/16	1.2	54	12	0.82	7.38	69	460
	08/23/16	1.3	56	13	0.81	7.41	67	420
	11/17/16	1.3	59	11	0.74	7.44	55	420
	02/13/17	1.2	54	13	0.69	7.30	93	400
	05/24/17	1.3	55	12	0.81	7.45	66	430
	07/05/17	1.3	61	12	0.76	7.37	70	400
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/25/17	1.3	60	12	0.78	7.30	76	440
	11/20/17	1.3	59	13	0.78	7.06	85	390
	03/06/18	1.4	63	12	0.76	7.32	88	460
	05/16/18	1.2	61	12	0.75	7.06	87	410
	12/07/18	1.2	58	12	0.76	7.41	65	480
	06/18/19	1.3	62	13	0.75	7.18	65	440
	11/05/19	1.2	58	13	0.74	7.88	71	410
	06/24/20	1.3	58	13	0.79	7.81	63	360
	12/11/20	1.4	61	14	0.89	7.41	69	390
	06/23/21	1.3	60	14	0.77	7.46	70	390
	12/10/21	1.4	60	14	0.77	8.33	69	360
	03/15/22	1.4	110	15	0.75	7.49	74	500
	06/07/22	1.3	60	15	0.76	7.07	71	400
	09/19/22	1.4	58	17	0.78	7.58	F1 55	410
	12/19/22	1.3	59	15	0.95	7.06	57	410
	03/14/23	1.3	62	16	0.75	7.53	64	410
	06/28/23	1.4	65	16	0.78	7.20	57	380
	09/06/23	1.2	57	18	0.77	7.47	62	400
	12/11/23	1.3	54	16	0.72	7.36	67	420
	02/29/24	1.3	63	17	0.79	7.61	65	370
	06/18/24	1.2	56	17	0.79	7.62	63	410
	08/23/24	1.3	62	16	0.73	7.18	64	400
	11/20/24	1.1	58	14	0.77	7.51	59	430
	03/21/25	1.2	60	16	0.80	7.48	65	390
	06/11/25	1.3	58	17	0.76	7.51	64	400
	09/16/25	1.2	57	17	0.84	7.43	64	370
	12/22/25	1.1	67	16	0.85	7.63	74	380

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

Italicized Date = Detection Monitoring and resample after statistical background establishment.

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

** = Based on pooled background from G45S/T03S, all others based on G45S as background.

B = Compound was found in blank and sample.

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

Table 4. Initial Monitoring Well Network Appendix III Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
G30S down-gradient	11/20/15	5.80	63		1.3	7.46	580	1,000
	05/10/16	5.4	53		1.30	7.68	390	1,100
	06/30/16	5.2	60	F1 180	1.30	7.73	410	990
	08/25/16	5.7	59	F1 180	1.30	7.70	390	1,100
	11/18/16	6.4	57	170	1.2	8.04	320	1,100
	02/14/17	5.4	62	190	1.2	7.70	450	1,000
	05/25/17	11	110	180	1.4	7.67	430	1,100
	07/07/17	6.6	54	190	1.3	7.48	410	1,100
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/26/17	6.7	62	190	1.3	8.07	460	1,100
	11/20/17	6.1	52	210	1.3	7.77	440	1,100
	03/07/18	5.1	56	200	1.3	7.97	470	1,100
	05/17/18	5.7	55	210	1.2	7.77	540	1,100
	12/15/18	5.8	57	200	1.2	7.99	200	1,100
	06/26/19	5.4	57	220	1.1	7.98	350	1,100
	11/06/19	4.5	58	210	1.1	7.99	350	1,100
	06/25/20	4.9	57	220	1.1	8.33	410	1,100
	12/07/20	5.3	57	220	1.2	7.83	450	1,100
	06/30/21	5.9 B	61	200	1.1	7.88	470	1,100
	12/15/21	5.1	63	200	1.0	7.95	450	1,200
	03/15/22	4.9	57	200	1.0	7.91	480	1,300
	06/10/22	5.1	60	200	0.99	7.29	450	1,200
	09/28/22	4.9	60	200	0.98	7.72	470	1,100
	12/19/22	5.1	61	210	1.2	7.80	440	1,200
	03/17/23	5.2	63	200	0.93	7.82	470	1,200
	06/29/23	5.4	65	200	0.95	7.55	480	1,200
	09/12/23	4.5	48	220	0.93	7.67	480	1,300
	12/19/23	5.1	64	210	0.88	7.88	480	1,200
	03/07/24	4.9	63	190	0.93	7.78	470	1,300
	06/19/24	5.1	62	190	0.94	7.82	470	1,300
	08/26/24	5.1	70	200	0.76	7.59	490	1,300
	11/25/24	4.6	69	180	0.86	7.75	500	1,300
	03/21/25	5.1	70	200	0.87	7.35	560	1,300
	06/11/25	5.0	66	220	0.86	7.89	530	1,300
	09/18/25	4.5	68	190	0.87	7.93	480	1,300
	12/22/25	4.9	73	190	0.93	7.76	540	1,300
R32S down-gradient	11/19/15	1.3	99	88	0.28	7.32	210	640
	05/05/16	1.9	100	140	0.32	7.38	210	810
	06/29/16	2.5	110	110	0.35	7.53	280	860
	08/26/16	3.0	120	100	0.40	7.30	330	850
	11/18/16	3.3	120	99	0.34	7.38	270	830
	02/16/17	F1 4.0	120	99	0.34	7.39	340	830
	05/25/17	8.3	240	88	0.42	7.54	320	850
	07/07/17	6.2	120	96	0.42	7.61	360	830
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/28/17	4.8	140	78	0.36	7.29	290	870
	11/21/17	5.7	120	97	0.38	7.50	390	900
	03/07/18	5.8	130	86	0.32	7.57	350	880
	05/21/18	4.4	120	77	0.29	7.13	310	1,000
	12/13/18	3.5	120	F1 72	0.26	7.43	280	880
	06/27/19	6.3	140	74	0.27	7.33	380	880
	11/06/19	4.8	150	69	0.27	7.45	360	820
	06/29/20	6.0	130	71	0.28	7.47	400	790
	12/16/20	6.1	150	F1 66	0.34	7.43	430	840
	06/28/21	4.0 B	130	56	0.30	7.16	430	790
	12/15/21	4.9	150	59	0.32	7.42	490	930
	03/16/22	4.0	9.6	50	0.31	7.56	430	1,100
	06/10/22	5.5	120	54	0.31	7.23	460	880
	09/26/22	5.1	130	57	0.30	7.23	450	870
	12/16/22	4.7	130	61	0.51	7.41	400	860
	03/23/23	4.6	130	56	0.29	7.57	390	940
	06/29/23	1.4	100	47	0.29	7.07	815	770
	09/12/23	2.8	88	50	0.29	7.60	380	790
	12/19/23	0.48	88	43	0.28	7.43	350	780
	03/07/24	2.4	110	43	0.30	7.41	370	920
	06/21/24	0.36	94	37	0.30	7.52	290	730
	08/29/24	3.0	120	47	0.24	7.67	410	840
	11/26/24	4.1	130	39	0.25	7.57	390	880
	03/24/25	3.2	110	40	0.28	7.53	380	900
	06/16/25	2.3	100	41	0.27	7.23	390	770
	09/18/25	4.0	120	38	0.31	7.35	390	830
	12/23/25	2.1	94	35	0.30	7.39	400	740

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

Italicized Date = Detection Monitoring and resample after statistical background establishment.

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

** = Based on pooled background from G45S/T03S, all others based on G45S as background.

B = Compound was found in blank and sample.

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

Table 4. Initial Monitoring Well Network Appendix III Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
G44S down-gradient	11/20/15	1.0	120	43	0.21	7.11	220	640
	05/09/16	0.91	110	37	0.18	7.39	120	690
	06/30/16	0.69	100	32	0.18	7.59	99	620
	08/26/16	0.89	120	36	0.19	7.12	110	710
	11/16/16	0.82	120	26	0.17	7.15	88	530
	02/16/17	0.86	120	30	0.15	7.38	120	620
	05/24/17	0.83	120	31	0.19	7.08	95	600
	07/10/17	0.83	110	30	< 0.10	7.00	110	700
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/28/17	0.99	130	30	0.19	7.13	100	730
	11/21/17	0.79	110	35	0.18	7.06	120	640
	03/07/18	0.91	120	36	0.18	7.19	110	670
	05/17/18	0.98	120	35	0.18	7.02	96	780
	12/10/18	1.1	120	43	0.19	7.41	78	630
	06/19/19	1.3	130	59	0.19	7.02	140	720
	11/12/19	1.3	140	53	0.21	7.22	160	670
	06/29/20	1.4	130	52	0.21	7.30	160	670
	12/15/20	1.7	140	52	0.25	7.17	180	650
	06/30/21	1.9 B	120	65	0.21	7.00	170	730
	12/16/21	1.9	140	62	0.20	7.21	170	690
	03/15/22	2.1	58	63	0.21	7.24	180	860
	06/09/22	1.6	130	75	0.20	7.02	160	730
	09/26/22	1.8	130	69	0.21	7.01	180	810
	12/21/22	1.9	130	67	0.49	7.07	180	870
	03/15/23	1.9	130	66	0.20	7.10	190	720
	06/29/23	1.8	140	64	0.21	7.00	160	680
	09/13/23	1.7	100	68	0.21	7.01	160	720
	12/19/23	1.6	130	63	0.20	7.24	170	750
	03/06/24	1.4	130	66	0.21	7.29	150	710
	06/21/24	1.2	130	64	0.22	7.24	150	850
	08/29/24	1.4	140	60	0.18	7.34	160	760
	11/26/24	1.6	130	50	0.21	7.14	150	800
	03/26/25	1.7	130	F1 57	0.22	7.13	170	720
	06/12/25	1.8	130	59	0.22	7.00	170	700
	09/19/25	1.7	130	57	0.24	7.01	160	710
	12/26/25	F1,F2 1.9	140	59	0.32	7.01	180	660
G46S down-gradient	11/23/15	6.0	110	80	0.27	7.32	430	780
	05/09/16	7.7	100	100	0.28	7.77	360	940
	06/30/16	7.9	100	99	0.29	8.26	290	880
	08/26/16	7.2	100	120	0.35	7.48	350	1,000
	11/18/16	6.5	110	120	0.39	7.56	330	1,000
	02/16/17	6.1	100	150	0.41	7.94	410	1,000
	05/22/17	6.8	100	130	0.44	7.37	350	970
	07/06/17	4.9	100	150	0.41	7.33	290	880
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/27/17	4.9	88	160	0.40	7.28	270	890
	11/21/17	5.3	78	170	0.43	7.73	270	800
	03/08/18	5.9	110	140	0.41	7.75	350	940
	05/18/18	5.9	110	120	0.40	7.66	260	1,100
	12/11/18	7.60	120	110	0.38	7.66	270	1,100
	06/19/19	13	89	69	0.33	7.64	440	1,000
	11/13/19	10	120	68	0.37	7.68	470	1,000
	06/29/20	13	96	74	0.34	8.06	510	980
	12/15/20	10	120	73	0.35	7.74	540	1,000
	06/30/21	15 B	120	67	0.30	7.40	590	1,000
	12/15/21	11	140	66	0.27	7.53	500	990
	03/11/22	12	130	54	0.34	7.38	600	1,200
	06/09/22	11	110	68	0.26	7.36	460	930
	09/26/22	11	120	63	0.31	7.31	580	1,000
	12/20/22	13	140	51	F1 0.58	7.68	670	1,200
	03/22/23	10	130	72	0.31	7.70	500	1,100
	06/29/23	8.6	140	69	0.23	7.50	440	890
	09/13/23	7.5	100	72	0.24	7.48	460	920
	12/20/23	10	120	69	0.23	7.48	490	980
	03/07/24	9.6	120	63	0.24	7.36	520	1,100
	06/20/24	11	130	54	0.34	7.29	580	1,100
	08/27/24	10	130	55	0.23	7.55	500	1,000
	11/25/24	9.3	120	62	0.22	7.53	500	1,000
	03/24/25	9.5	120	61	0.22	7.46	490	980
	06/12/25	10	130	60	0.21	8.02	560	950
	09/16/25	11	130	53	0.33	8.04	560	1,000
	12/26/25	9.6	140	62	0.27	7.65	570	970

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

Italicized Date = Detection Monitoring and resample after statistical background establishment.

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

** = Based on pooled background from G45S/T03S, all others based on G45S as background.

B = Compound was found in blank and sample.

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

Table 4. Initial Monitoring Well Network Appendix III Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
G47S down-gradient	11/23/15	4.6	11	160	0.45	9.22	480	700
	05/06/16	5.0	7.8	140	0.72	9.86	410	910
	07/01/16	6.4	8.4	150	0.68	9.32	340	860
	08/24/16	9.3	9.2	140	0.67	9.19	300	830
	11/16/16	15	1.3	F1 150	1.8	10.08	620	1,700
	02/15/17	7.6	4.4	160	1.1	9.26	540	1,200
	05/23/17	18	0.93	160	2.2	10.03	720	1,800
	07/10/17	18	1.2	150	2.1	10.06	780	1,800
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/27/17	18	1.1	150	2.0	10.15	750	1,900
	11/22/17	21	1.1	150	2.1	10.56	710	1,800
	03/08/18	18	1.1	170	2.1	10.67	780	1,900
	05/18/18	3.7	1.1	160	1.7	7.79	570	1,800
	12/11/18	13	2.8	140	1.1	10.14	440	1,300
	06/28/19	13	2.9	130	1.3	9.95	450	1,400
	11/07/19	4.3	15	140	0.55	8.39	410	1,100
	06/30/20	5.2	16	120	0.59	9.04	F1 440	1,000
	12/07/20	7.6	11	120	1.1	9.13	500	1,100
	06/24/21	6.1 B	12	110	0.66	8.68	470	1,000
	12/16/21	6.7	11	98	0.65	8.63	440	900
	03/16/22	6.9	40	96	0.66	8.94	450	1,200
	06/09/22	7.3	9.2	96	0.63	8.39	460	1,000
	09/22/22	10	5.8	100	0.90	9.85	510	1,100
	12/21/22	7.0	7.9	100	F1 1.1	9.50	450	1,100
	03/23/23	6.7	11	100	0.65	9.22	440	1,100
	06/30/23	7.7	12	96	0.64	8.30	470	970
	09/07/23	6.1	9.4	F1 100	0.64	7.77	450	1,000
	12/18/23	7.1	11	110	0.59	8.52	470	980
	03/04/24	5.9	16	100	0.57	8.49	470	1,100
	06/20/24	4.7	14	96	0.55	9.34	440	1,100
	08/28/24	6.0	14	84	0.46	7.81	450	1,100
	11/22/24	5.6	12	83	0.54	8.44	430	1,100
	03/26/25	6.0	11	83	0.57	7.89	440	990
	06/16/25	6.5	11	91	0.55	8.96	460	970
	09/15/25	6.9	11	87	0.58	9.09	430	1,000
	12/26/25	6.8	11	83	0.62	9.17	500	910
G48S down-gradient	11/20/15	11.00	6.9	120	1.5	9.08	760	1,100
	05/05/16	9.30	5.9	120	1.5	9.53	560	1,200
	07/01/16	9.50	4.2	120	1.4	9.60	480	1,100
	08/24/16	10.00	5.5	120	1.4	9.31	420	1,100
	11/16/16	9.80	10	110	1.4	9.61	340	1,100
	02/15/17	8.40	8.3	120	1.2	9.63	490	1,100
	05/23/17	9.20	8.1	120	1.3	9.49	470	1,100
	07/10/17	7.80	11	110	1.2	8.77	460	1,000
	Prediction Limit*	1.01	126**	203	0.35	7.52-7.04**	360**	955
	09/27/17	7.60	18	100	1.1	8.94	480	1,100
	11/22/17	8.60	12	120	1.2	9.42	450	1,000
	03/08/18	5.30	62	100	0.85	8.13	450	1,000
	05/18/18	5.90	53	100	0.92	7.79	370	1,100
	12/11/18	7.30	23	110	1.1	8.42	310	1,000
	06/25/19	7.10	28	110	1.0	8.07	390	1,000
	11/07/19	5.80	18	100	0.89	7.83	380	1,000
	06/26/20	7.10	16	110	1.0	9.20	400	940
	12/07/20	6.0	29	110	1.1	8.4	410	890
	06/24/21	4.3 B	96	96	0.71	7.27	480	1,100
	12/16/21	6.0	46	99	0.91	7.02	430	880
	03/16/22	5.8	130	99	0.96	7.87	430	1,100
	06/09/22	5.6	58	98	0.87	7.47	440	1,000
	09/22/22	6.8	34	98	0.97	8.14	430	950
	12/21/22	6.4	28	100	1.3	8.66	410	1,100
	03/23/23	6.0	24	100	0.96	8.68	370	1,000
	06/30/23	6.4	39	91	0.89	8.03	380	850
	09/07/23	5.1	25	100	0.93	7.75	390	940
	12/18/23	5.8	27	110	0.88	8.11	390	910
	03/06/24	5.5	38	97	0.82	8.06	420	910
	06/20/24	4.6	46	81	0.90	8.26	390	1,000
	08/28/24	5.6	43	81	0.77	7.77	410	970
	11/22/24	5.1	37	86	0.93	7.74	390	980
	03/26/25	5.2	39	96	0.96	7.74	420	950
	06/13/25	6.4	36	98	0.98	8.18	420	920
	09/15/25	6.7	27	99	0.95	8.59	410	960
	12/26/25	6.5	23	96	1.00	8.15	470	910

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

Italicized Date = Detection Monitoring and resample after statistical background establishment.

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

** = Based on pooled background from G45S/T03S, all others based on G45S as background.

B = Compound was found in blank and sample.

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

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G45S up-gradient	11/20/15	< 0.0030	0.0081	0.044	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.036	< 0.00020	0.012	1.76	< 0.0025	< 0.0020
	05/12/16	< 0.0030	0.0076	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.036	< 0.00020	0.010	3.01	< 0.0025	< 0.0020
	06/30/16	< 0.0030	0.0075	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.034	< 0.00020	0.0080	2.05	< 0.0025	< 0.0020
	08/25/16	< 0.0030	0.0076	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.031	< 0.00020	0.0086	1.91	< 0.0025	< 0.0020
	11/16/16	< 0.0030	0.0079	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.028	< 0.00020	0.0094	2.04	< 0.0025	< 0.0020
	02/14/17	< 0.0030	0.0093	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	0.029	< 0.00020	0.0083	1.85	< 0.0025	< 0.0020
	05/23/17	< 0.0030	0.0082	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.027	< 0.00020	0.0093	1.40	< 0.0025	< 0.0020
	07/07/17	< 0.0030	0.0086	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	0.030	< 0.00020	0.0070	1.88	< 0.0025	< 0.0020
	09/26/17	< 0.0030	0.0096	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.029	< 0.00020	0.0079	2.14	< 0.0025	< 0.0020
	11/21/17	< 0.0030	0.0094	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.028	< 0.00020	0.0072	8.45	< 0.0025	< 0.0020
	03/09/18	< 0.0030	0.0093	0.036	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	0.028	^ < 0.00020	0.0080	1.89	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/21/18	NA	0.0072	0.047	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.033	NA	0.013	2.37	< 0.0025	NA
	12/07/18	NA	0.0090	0.034	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.031	NA	0.010	1.910	< 0.0025	NA
	06/29/19	NA	0.010	0.039	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.032	NA	0.0087	1.99	< 0.0025	NA
	11/14/19	NA	< 0.010	0.042	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.034	NA	0.010	2.89	< 0.010	NA
	06/26/20	NA	0.011	0.049	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.039	NA	0.0088	3.1	< 0.0025	NA
	12/11/20	NA	0.011	0.042	NA	NA	NA	< 0.0010	0.38	^+ < 0.00050	0.038	NA	0.012	1.88	< 0.0025	NA
	06/28/21	< 3.0	0.010	0.034	< 1.00	< 0.50	< 5.00	< 0.0010	0.35	< 0.00050	0.031	< 0.00020	0.0083	2.14	< 0.0025	< 2.00
	12/16/21	< 0.0030	0.0092	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.028	< 0.00020	0.0073	1.74	< 0.0025	< 0.0020
	03/16/22	< 0.0030	0.0018	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.075	< 0.00020	0.0092	2.92	< 0.0025	< 0.0020
	06/10/22	< 0.0030	0.0082	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.028	< 0.00020	0.0072	2.17	< 0.0025	< 0.0020
	09/26/22	< 0.0030	0.0086	0.042	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.029	< 0.00020	0.011	2.63	< 0.0025	< 0.0020
	12/21/22	< 0.0030	0.0095	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	0.029	< 0.00020	0.0089	2.91	< 0.0025	< 0.0020
	03/23/23	< 0.0030	0.0096	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.030	< 0.00020	0.011	2.28	< 0.0025	< 0.0020
	06/30/23	< 0.0030	0.009	0.038	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.031	< 0.00020	0.012	1.88	< 0.0025	< 0.0020
	09/14/23	< 0.0020	0.0098	0.033	< 0.0010	< 0.0050	< 0.0050	< 0.00050	0.36	< 0.00050	0.026	< 0.00020	0.013	1.95	< 0.0050	< 0.0010
	12/20/23	^1+ < 0.0030	0.010	0.036	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.028	< 0.00020	0.012	2.16	< 0.0025	< 0.0020
	03/12/24	^1+ < 0.0030	0.0087	0.035	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.028	< 0.00020	0.013	2.46	< 0.0025	< 0.0020
	06/21/24	< 0.0030	0.0089	0.033	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.38	< 0.00050	0.026	< 0.00020	0.010	1.76	< 0.0025	< 0.0020
	08/29/24	< 0.0030	0.0080	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.027	< 0.00020	0.0084	1.42	< 0.0025	< 0.0020
	11/26/24	< 0.0030	0.0084	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.027	< 0.00020	0.011	2.30	< 0.0025	< 0.0020
	03/26/25	< 0.0030	0.0088	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	0.026	< 0.00020	0.012	1.64	< 0.0025	< 0.0020
	06/12/25	< 0.0030	0.0081	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	0.028	< 0.00020	0.012	2.17	< 0.0025	< 0.0020
	09/18/25	< 0.0030	0.0090	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.028	< 0.00020	0.013	2.64	< 0.0025	< 0.0020
	12/26/25	< 0.0030	0.0088	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	< 0.00050	0.028	< 0.00020	0.013	2.03	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNVA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
T03S up-gradient	11/19/15	< 0.0030	0.0019	0.063	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.019	< 0.00020	0.0260	1.101	< 0.0025	< 0.0020
	05/05/16	< 0.0030	0.0013	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.018	< 0.00020	0.030	1.43	< 0.0025	< 0.0020
	06/28/16	< 0.0030	0.0011	0.086	< 0.0010	< 0.00050	< 0.0050	0.0011	0.19	< 0.00050	0.017	< 0.00020	0.037	1.18	< 0.0025	< 0.0020
	08/25/16	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.016	< 0.00020	0.043	1.54	< 0.0025	< 0.0020
	11/17/16	< 0.0030	0.0012	0.096	< 0.0010	< 0.00050	< 0.0050	0.0012	0.19	< 0.00050	0.022	< 0.00020	0.14	1.61	< 0.0025	< 0.0020
	02/15/17	< 0.0030	0.0011	0.086	< 0.0010	< 0.00050	< 0.0050	0.0013	0.19	< 0.00050	< 0.050	< 0.00020	0.12	0.938	< 0.0025	< 0.0020
	05/22/17	< 0.0030	0.0017	B 0.088	^ < 0.0010	< 0.00050	< 0.0050	0.0015	0.23	0.0023	0.019	< 0.00020	0.13	1.21	< 0.0025	< 0.0020
	07/07/17	< 0.0030	< 0.0010	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	0.019	< 0.00020	0.099	1.11	< 0.0025	< 0.0020
	09/26/17	< 0.0030	0.0011	0.086	< 0.0010	< 0.00050	< 0.0050	0.0013	0.21	< 0.00050	0.018	< 0.00020	0.14	1.33	< 0.0025	< 0.0020
	11/20/17	< 0.0030	0.0014	0.087	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.020	< 0.00020	0.20	1.59	< 0.0025	< 0.0020
	03/07/18	< 0.0030	0.0023	0.093	< 0.0010	< 0.00050	< 0.0050	0.0013	0.23	< 0.00050	0.022	< 0.00020	0.26	1.30	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/17/18	NA	0.0010	0.087	NA	NA	NA	0.0013	0.24	< 0.00050	0.021	NA	0.24	1.25	< 0.0025	NA
	12/11/18	NA	0.0014	0.095	NA	NA	NA	0.0012	0.23	< 0.00050	0.021	NA	0.27	1.31	< 0.0025	NA
	06/24/19	NA	0.0020	0.090	NA	NA	NA	0.0010	0.27	< 0.00050	0.027	NA	0.37	1.33	< 0.0025	NA
	10/28/19	NA	< 0.010	0.088	NA	NA	NA	0.0011	0.25	< 0.00500	0.026	NA	0.21	1.38	< 0.0100	NA
	06/23/20	NA	0.0024	0.093	NA	NA	NA	< 0.0010	0.33	< 0.00050	0.025	NA	0.23	1.65	< 0.0025	NA
	12/15/20	NA	0.0013	0.11	NA	NA	NA	0.0015	0.27	< 0.00050	0.031	NA	0.14	1.74	< 0.0025	NA
	06/22/21	< 0.0030	0.0016	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.029	H < 0.00020	0.071	1.34	< 0.0025	< 0.0020
	12/09/21	< 0.0030	0.0011	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.026	< 0.00020	0.22	1.44	< 0.0025	< 0.0020
	03/14/22	< 0.0030	0.016	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.032	< 0.00020	0.93	1.44	< 0.0025	< 0.0020
	06/13/22	< 0.0030	0.0015	0.11	< 0.0010	< 0.00050	< 0.0050	0.0014	0.21	< 0.00050	0.025	< 0.00020	0.17	1.46	< 0.0025	< 0.0020
	09/29/22	< 0.0030	0.0014	0.084	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.023	< 0.00020	0.22	2.12	< 0.0025	< 0.0020
	12/21/22	< 0.0030	0.0011	0.081	< 0.0010	< 0.00050	< 0.0050	0.0012	0.52	< 0.00050	0.028	< 0.00020	0.34	1.16	< 0.0025	< 0.0020
	03/20/23	< 0.0030	0.0011	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.033	< 0.00020	0.32	1.06	< 0.0025	< 0.0020
	06/30/23	< 0.0030	0.002	0.077	^1+ < 0.0010	< 0.0005	< 0.0050	< 0.0010	0.20	< 0.050	0.031	< 0.00020	0.16	2.17	< 0.0025	< 0.0020
	09/13/23	< 0.0020	< 0.0020	0.080	< 0.0010	< 0.00020	< 0.0050	0.0010	0.20	< 0.00050	0.026	< 0.00020	0.14	1.07	< 0.0050	< 0.0010
	12/12/23	< 0.0030	< 0.0010	0.075	< 0.0010	< 0.00050	< 0.0050	0.0011	0.18	< 0.00050	0.024	< 0.00020	0.14	1.54	< 0.0025	< 0.0020
	03/12/24	^1+ < 0.0030	0.0062	0.077	^1+ < 0.0010	< 0.00050	< 0.0050	0.0010	0.21	< 0.00050	0.027	< 0.00020	0.16	2.18	< 0.0025	< 0.0020
	06/21/24	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.017	< 0.00020	0.10	1.02	< 0.0025	< 0.0020
	09/04/24	< 0.0030	< 0.0010	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.025	< 0.00020	0.11	1.11	< 0.0025	< 0.0020
	11/27/24	< 0.0030	0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.018	< 0.00020	0.034	1.01	< 0.0025	< 0.0020
	03/24/25	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.020	< 0.00020	0.034	1.25	< 0.0025	< 0.0020
	06/16/25	< 0.0030	< 0.0010	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.023	< 0.00020	0.022	1.28	< 0.0025	< 0.0020
	09/10/25	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.023	< 0.00020	0.022	3.52	< 0.0025	< 0.0020
	12/23/25	< 0.0030	0.0015	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.034	< 0.00020	0.047	1.45	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
B = Compound was found in blank and sample.
BOLD = Above GWPS.
DNVA = Data Not Yet Available.
GWPS = Groundwater Protection Standard.
F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
H = Sample prepped or analyzed past holding time.
NA = Not Analyzed
NC = Not calculated since not detected compound.
V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
^+ = Continuing calibration verification outside limits. High bias.
^1+ = Initial verification calibration outside of limits, biased high.
^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
R08S down-gradient	11/23/15	< 0.0030	0.0019	0.052	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.14	< 0.00020	0.41	1.608	0.0061	< 0.0020
	05/06/16	< 0.0030	0.0013	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.14	< 0.00020	0.39	1.08	0.0079	< 0.0020
	06/28/16	< 0.0030	0.0019	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.14	< 0.00020	0.37	1.87	F1 0.0074	< 0.0020
	08/25/16	< 0.0030	0.0015	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.13	< 0.00020	0.33	1.50	0.0032	< 0.0020
	11/21/16	< 0.0030	0.0016	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.14	< 0.00020	0.36	2.13	0.0037	< 0.0020
	02/14/17	< 0.0030	0.0020	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.12	< 0.00020	0.30	2.71	0.0029	< 0.0020
	05/25/17	< 0.0060	0.0028	0.092	^ < 0.0020	< 0.0010	< 0.010	< 0.0020	0.17	< 0.0010	0.25	< 0.00020	0.64	0.821	0.021	< 0.0040
	07/06/17	< 0.0030	0.0020	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	^ < 0.00050	0.14	< 0.00020	0.35	1.15	0.0054	^ < 0.0020
	09/25/17	< 0.0030	0.0020	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	0.00067	0.13	< 0.00020	0.38	1.27	0.0079	< 0.0020
	11/21/17	< 0.0030	0.0017	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	0.14	< 0.00020	0.34	1.09	0.015	< 0.0020
	03/08/18	< 0.0030	0.0016	0.05	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	0.15	< 0.00020	0.37	1.55	0.012	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/18/18	NA	0.0013	0.046	NA	NA	NA	< 0.0010	0.14	< 0.00050	0.15	NA	0.35	1.22	0.017	NA
	12/13/18	NA	0.0012	0.046	NA	NA	NA	< 0.0010	0.15	< 0.00050	0.15	NA	0.37	1.450	0.017	NA
	06/19/19	NA	0.0013	0.044	NA	NA	NA	< 0.0010	0.14	< 0.00050	0.16	NA	0.37	1.5	0.015	NA
	11/19/19	NA	< 0.010	0.044	NA	NA	NA	< 0.0010	0.15	< 0.00050	0.15	NA	0.34	1.31	0.013	NA
	06/26/20	NA	0.0011	0.043	NA	NA	NA	< 0.0010	0.15	< 0.00050	0.14	NA	0.36	1.68	0.017	NA
	12/14/20	NA	0.0015	0.040	NA	NA	NA	< 0.0010	0.18	< 0.00050	0.14	NA	0.38	1.53	0.0081	NA
	06/23/21	< 0.0030	0.0011	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	0.15	H < 0.00020	0.37	1.46	0.011	< 0.0020
	12/14/21	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	0.14	< 0.00020	0.39	1.81	0.012	< 0.0020
	03/11/22	< 0.0030	0.0014	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	0.13	< 0.00020	0.37	2.33	0.0027	< 0.0020
	06/07/22	< 0.0030	0.0014	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	0.15	< 0.00020	0.40	1.33	0.012	< 0.0020
	09/19/22	< 0.0030	0.0013	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	0.15	< 0.00020	0.39	1.63	0.015	< 0.0020
	12/19/22	< 0.0030	0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.13	< 0.00020	0.37	1.9	0.010	< 0.0020
	03/22/23	< 0.0030	0.0012	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	0.16	< 0.00020	0.40	1.68	0.011	< 0.0020
	06/28/23	< 0.0030	0.0013	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.0050	0.16	< 0.00020	0.38	1.44	0.013	< 0.0020
	09/07/23	< 0.0080	< 0.0020	0.036	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.13	< 0.00050	0.13	< 0.00020	0.34	0.95	0.0062	< 0.0040
	12/20/23	^1+ < 0.0030	0.0013	0.043	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.11	< 0.00050	0.14	< 0.00020	0.34	2.06	0.0066	< 0.0020
	02/29/24	^1+ < 0.0030	0.0010	0.041	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.13	< 0.00050	0.16	< 0.00020	0.36	1.91	0.011	< 0.0020
	06/19/24	< 0.0030	0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	0.13	< 0.00020	0.33	2.18	0.012	< 0.0020
	08/27/24	^1+ < 0.0030	0.0012	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.11	< 0.00050	0.16	< 0.00020	0.40	1.65	0.0097	< 0.0020
	11/20/24	< 0.015	0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.11	< 0.00050	0.15	< 0.00020	0.33	1.43	0.0049	< 0.0020
	03/24/25	< 0.0030	0.0014	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	0.11	< 0.00020	0.24	1.47	0.0084	< 0.0020
	06/13/25	< 0.0030	0.0018	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.10	< 0.00050	0.14	< 0.00020	0.30	1.64	0.0026	< 0.0020
	09/16/25	< 0.0030	0.0021	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.14	< 0.00050	0.12	< 0.00020	0.27	2.49	0.0028	< 0.0020
	12/23/25	< 0.0030	0.0020	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.12	< 0.00050	0.13	< 0.00020	0.33	2.43	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G20S down-gradient	11/19/15	< 0.0030	< 0.0010	0.049	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.82	< 0.00050	0.036	< 0.00020	0.0068	2.078	< 0.0025	< 0.0020
	05/11/16	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.81	< 0.00050	0.037	< 0.00027	0.011	2.52	< 0.0025	< 0.0020
	06/29/16	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	0.0011	0.82	< 0.00050	0.040	< 0.00020	0.014	2.79	< 0.0025	< 0.0020
	08/23/16	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.81	< 0.00050	0.039	< 0.00020	0.017	3.67	< 0.0025	< 0.0020
	11/17/16	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	0.0018	0.74	< 0.00050	0.042	< 0.00020	0.019	1.98	< 0.0025	< 0.0020
	02/13/17	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.69	< 0.00050	0.040	< 0.00020	0.018	2.44	< 0.0025	< 0.0020
	05/24/17	< 0.0030	< 0.0010	0.046	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.81	< 0.00050	0.038	< 0.00020	0.017	2.15	< 0.0025	< 0.0020
	07/05/17	< 0.0030	< 0.0010	0.054	< 0.0010	< 0.00050	< 0.0050	0.0021	0.76	^ < 0.00050	0.040	< 0.00020	0.019	1.83	< 0.0025	^ < 0.0020
	09/25/17	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	0.0015	0.78	< 0.00050	0.036	< 0.00020	0.022	2.19	< 0.0025	< 0.0020
	11/20/17	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	0.0022	0.78	< 0.00050	0.041	< 0.00020	0.021	2.50	< 0.0025	< 0.0020
	03/06/18	< 0.0030	< 0.0010	0.049	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.76	< 0.00050	0.042	< 0.00020	0.021	2.83	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/16/18	NA	< 0.0010	0.049	NA	NA	NA	0.0024	0.75	^ < 0.00050	0.040	NA	0.019	2.12	< 0.0025	NA
	12/07/18	NA	< 0.0010	0.048	NA	NA	NA	0.0010	0.76	0.00480	0.042	NA	0.023	2.26	< 0.0025	NA
	06/18/19	NA	< 0.0010	0.051	NA	NA	NA	0.0018	0.75	< 0.00050	0.041	NA	0.017	2.11	< 0.0025	NA
	11/05/19	NA	< 0.0100	0.050	NA	NA	NA	0.0023	0.74	< 0.00050	0.044	NA	0.021	1.74	< 0.0100	NA
	06/24/20	NA	< 0.0100	0.045	NA	NA	NA	< 0.0010	0.79	< 0.00050	0.038	NA	0.019	2.07	< 0.0025	NA
	12/14/20	NA	< 0.0010	0.043	NA	NA	NA	< 0.0010	0.89	^+ < 0.00050	0.042	NA	0.022	2.160	< 0.0025	NA
	06/23/21	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.047	H< 0.00020	0.022	2.06	< 0.0025	< 0.0020
	12/10/21	< 0.0030	0.0019	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.041	< 0.00020	0.025	2.26	< 0.0025	< 0.0020
	03/15/22	< 0.0030	0.0010	0.083	< 0.0010	< 0.00050	< 0.0050	0.0010	0.75	< 0.00050	0.025	< 0.00020	0.28	2.34	< 0.0025	< 0.0020
	06/07/22	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.76	< 0.00050	0.040	< 0.00020	0.016	3.55	< 0.0025	< 0.0020
	09/19/22	< 0.0030	0.0017	0.090	< 0.0010	< 0.00050	< 0.0050	0.014	0.78	< 0.00050	0.039	< 0.00020	0.012	7.79	< 0.0025	< 0.0020
	11/08/22 (R)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.09	NA	NA
	12/19/22	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.95	< 0.00050	0.038	< 0.00020	0.0091	3.08	< 0.0025	< 0.0020
	03/14/23	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	0.0015	0.75	< 0.00050	0.042	< 0.00020	0.010	3.06	< 0.0025	< 0.0020
	06/28/23	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.78	< 0.00050	0.042	< 0.00020	0.012	3.40	< 0.0025	< 0.0020
	09/06/23	< 0.0020	< 0.0020	0.043	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.77	< 0.00050	0.033	< 0.00020	0.012	2.26	< 0.0050	< 0.0010
	12/11/23	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	0.040	< 0.00020	0.014	2.76	< 0.0025	< 0.0020
	02/29/24	^1+ < 0.0030	< 0.0010	0.049	^1+ < 0.0010	< 0.00050	< 0.0050	0.0011	0.79	< 0.00050	0.042	< 0.00020	0.016	2.51	< 0.0025	< 0.0020
	06/18/24	< 0.0030	0.0013	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.79	< 0.00050	0.037	< 0.00020	0.015	2.64	< 0.0025	< 0.0020
	08/23/24	^1+ < 0.0030	< 0.0010	0.046	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.73	< 0.00050	0.040	< 0.00020	0.020	2.11	< 0.0025	< 0.0020
	11/20/24	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.039	< 0.00020	0.017	2.01	< 0.0025	< 0.0020
	03/21/25	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.80	< 0.00050	0.040	< 0.00020	0.018	2.26	< 0.0025	< 0.0020
	06/11/25	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.76	< 0.00050	0.045	< 0.00020	0.018	3.00	< 0.0025	< 0.0020
	09/16/25	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.84	< 0.00050	0.040	< 0.00020	0.015	2.37	< 0.0025	< 0.0020
	12/22/25	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	0.0011	0.85	< 0.00050	0.040	< 0.00020	0.015	2.37	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 FI = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G30S down-gradient	11/20/15	< 0.0030	0.014	0.041	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.022	< 0.00020	0.33	1.484	< 0.0025	< 0.0020
	05/10/16	< 0.0030	0.017	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.021	< 0.00020	0.30	1.41	< 0.0025	< 0.0020
	06/30/16	< 0.0030	0.013	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.023	< 0.00020	0.30	1.17	< 0.0025	< 0.0020
	08/25/16	< 0.0030	0.015	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.020	< 0.00020	0.31	1.87	< 0.0025	< 0.0020
	11/18/16	< 0.0030	0.016	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.023	< 0.00020	0.33	2.36	< 0.0025	< 0.0020
	02/14/17	< 0.0030	0.011	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.021	< 0.00020	0.24	1.84	< 0.0025	< 0.0020
	05/25/17	< 0.0060	0.019	0.078	0.0020	< 0.0010	< 0.010	< 0.0020	1.4	< 0.0010	0.040	< 0.00020	0.45	1.76	< 0.0050	< 0.0040
	07/07/17	< 0.0030	0.011	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.021	< 0.00020	0.26	1.59	< 0.0025	< 0.0020
	09/26/17	< 0.0030	0.011	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.021	< 0.00020	0.20	1.41	0.0025	< 0.0020
	11/20/17	< 0.0030	0.010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.019	< 0.00020	0.19	1.73	< 0.0025	< 0.0020
	03/07/18	< 0.0030	0.011	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.019	< 0.00020	0.14	1.94	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/17/18	NA	0.011	0.043	NA	NA	NA	< 0.0010	1.2	< 0.00050	0.021	NA	0.13	1.57	F1 < 0.0025	NA
	12/14/18	NA	0.0069	0.041	NA	NA	NA	< 0.0010	1.2	< 0.00050	0.022	NA	0.065	2.04	< 0.0025	NA
	06/26/19	NA	0.0074	0.041	NA	NA	NA	< 0.0010	1.1	< 0.00050	0.018	NA	0.065	1.18	F1 < 0.0025	NA
	11/06/19	NA	0.010	0.041	NA	NA	NA	< 0.0010	1.1	< 0.00050	0.019	NA	0.013	1.62	0.010	NA
	06/25/20	NA	0.0053	0.042	NA	NA	NA	< 0.0010	1.1	< 0.00050	0.019	NA	0.020	2.19	< 0.0025	NA
	12/07/20	NA	0.0044	0.043	NA	NA	NA	< 0.0010	1.2	< 0.00050	0.024	NA	0.018	2.16	< 0.0025	NA
	06/30/21	3.0	< 0.017	0.048	U ^1+ 1	< 0.50	< 5.0	< 0.0010	1.1	< 0.00050	0.024	< 0.00020	0.017	2.57	< 0.0025	< 2.0
	12/15/21	< 0.0030	0.0028	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.0	< 0.00050	0.022	< 0.00020	0.010	2.45	< 0.0025	< 0.0020
	03/15/22	< 0.0030	< 0.0010	0.047	< 0.0010	< 0.00050	< 0.0050	0.0012	1.0	< 0.00050	0.039	< 0.00020	0.017	1.34	< 0.0025	< 0.0020
	06/10/22	< 0.0030	0.0024	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.99	< 0.00050	0.023	< 0.00020	0.0095	2.32	< 0.0025	< 0.0020
	09/28/22	< 0.0030	0.0023	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.98	< 0.00050	0.021	< 0.00020	0.014	2.43	< 0.0025	< 0.0020
	12/19/22	< 0.0030	0.0020	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.021	< 0.00020	0.0098	1.83	< 0.0025	< 0.0020
	03/17/23	< 0.0030	0.0022	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.93	0.00051	0.022	< 0.00020	0.010	1.22	< 0.0025	< 0.0020
	06/29/23	< 0.0030	0.0023	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.95	< 0.0050	0.022	< 0.00020	0.0088	2.45	< 0.0025	< 0.0020
	09/12/23	< 0.0020	< 0.0020	0.042	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.93	< 0.00050	0.021	< 0.00020	0.0058	1.60	< 0.0050	0.0021
	12/19/23	< 0.0030	0.0069	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.88	0.00072	0.021	< 0.00020	0.015	2.04	< 0.0025	< 0.0020
	03/07/24	^1+ < 0.0030	0.0056	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.93	< 0.00050	0.024	< 0.00020	0.029	1.59	< 0.0025	< 0.0020
	06/19/24	< 0.0030	0.0014	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.94	< 0.00050	0.022	< 0.00020	< 0.0050	2.24	< 0.0025	< 0.0020
	08/26/24	^1+ < 0.0030	< 0.0010	0.047	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.76	< 0.00050	< 0.050	< 0.00020	< 0.0050	2.19	< 0.0025	< 0.0020
	11/25/24	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.86	< 0.00050	0.024	< 0.00020	< 0.0050	2.62	< 0.0025	< 0.0020
	03/21/25	< 0.0030	0.0020	0.050	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.87	< 0.00050	0.024	< 0.00020	< 0.0050	1.71	< 0.0025	< 0.0020
	06/11/25	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.86	< 0.00050	0.026	< 0.00020	< 0.0050	3.31	< 0.0025	< 0.0020
	09/18/25	< 0.0030	< 0.0010	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.87	< 0.00050	0.023	< 0.00020	< 0.0050	3.17	F1 < 0.0025	< 0.0020
	12/22/25	< 0.0030	0.0013	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.93	< 0.00050	0.024	< 0.00020	0.0080	2.64	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNVA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
R32S down-gradient	11/19/15	< 0.0030	0.0018	0.033	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	< 0.00050	0.040	< 0.00020	0.16	1.928	< 0.0025	< 0.0020
	05/05/16	< 0.0030	0.0034	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	0.00050	0.069	< 0.00020	0.29	2.26	< 0.0025	< 0.0020
	06/29/16	< 0.0030	0.0021	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.065	< 0.00020	0.43	2.12	< 0.0025	< 0.0020
	08/26/16	< 0.0030	0.0014	0.043	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.056	< 0.00020	0.48	2.39	< 0.0025	< 0.0020
	11/18/16	< 0.0030	0.0016	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.063	< 0.00020	0.55	3.17	< 0.0025	< 0.0020
	02/16/17	< 0.0030	0.0020	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.064	< 0.00020	0.57	1.76	F1 < 0.0025	< 0.0020
	05/25/17	< 0.0060	0.0042	0.075	^ < 0.0020	< 0.0010	< 0.010	< 0.0020	0.42	< 0.0010	0.14	< 0.00020	1.4	1.82	< 0.0050	< 0.0040
	07/07/17	< 0.0030	0.0043	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.42	< 0.00050	0.10	< 0.00020	0.87	2.08	< 0.0025	< 0.0020
	09/28/17	< 0.0030	0.0030	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.086	< 0.00020	0.57	1.79	< 0.0025	< 0.0020
	11/21/17	< 0.0030	0.0037	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.38	< 0.00050	0.11	< 0.00020	0.74	1.82	< 0.0025	< 0.0020
	03/07/18	< 0.0030	0.0029	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	0.11	< 0.00020	0.67	2.56	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/21/18	NA	0.0024	0.04	NA	NA	NA	< 0.0010	0.29	< 0.00050	0.10	NA	0.64	2.22	< 0.0025	NA
	12/13/18	NA	0.0019	0.043	NA	NA	NA	< 0.0010	0.26	0.0017	0.080	NA	0.56	2.23	< 0.0025	NA
	06/27/19	NA	0.0027	0.041	NA	NA	NA	< 0.0010	0.27	< 0.00050	0.090	NA	0.81	2.67	< 0.0025	NA
	11/06/19	NA	< 0.010	0.039	NA	NA	NA	< 0.0010	0.27	< 0.00050	0.13	NA	0.58	2.37	< 0.0100	NA
	06/29/20	NA	0.0021	0.038	NA	NA	NA	< 0.0010	0.28	< 0.00050	0.11	NA	0.64	3.92	< 0.0025	NA
	12/16/20	NA	0.0025	0.038	NA	NA	NA	< 0.0010	0.34	^+ < 0.00050	0.11	NA	0.75	3.22	F1 < 0.0025	NA
	06/28/21	< 3.0	< 0.0010	0.036	< 1.0	< 0.50	< 5.0	< 0.0010	0.30	< 0.00050	0.071	< 0.00020	0.53	2.10	< 0.0025	< 2.0
	12/15/21	< 0.0030	0.0016	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.32	< 0.00050	0.097	< 0.00020	0.75	2.68	< 0.0025	< 0.0020
	03/16/22	< 0.0030	0.037	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.043	< 0.00020	0.51	2.61	< 0.0025	< 0.0020
	06/10/22	< 0.0030	0.0017	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.089	< 0.00020	0.58	2.96	< 0.0025	< 0.0020
	09/26/22	< 0.0030	0.0032	0.034	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.12	< 0.00020	0.69	2.27	< 0.0025	< 0.0020
	12/16/22	< 0.0030	0.0021	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	< 0.00050	0.11	< 0.00020	0.63	2.06	< 0.0025	< 0.0020
	03/23/23	< 0.0030	0.0026	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	< 0.00050	0.10	< 0.00020	0.62	1.86	< 0.0025	< 0.0020
	06/29/23	< 0.0030	0.0016	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	< 0.00050	0.035	< 0.00020	0.092	2.02	< 0.0025	< 0.0020
	09/12/23	< 0.0020	< 0.0020	0.030	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.29	< 0.00050	0.074	< 0.00020	0.42	1.97	< 0.005	< 0.0010
	12/19/23	< 0.0030	< 0.0010	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	< 0.00050	0.025	< 0.00020	0.031	2.54	< 0.0025	< 0.0020
	03/07/24	^1+ < 0.0030	0.0011	0.032	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.059	< 0.00020	0.35	1.12	< 0.0025	< 0.0020
	06/21/24	< 0.0030	< 0.0010	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.019	< 0.00020	0.046	1.97	< 0.0025	< 0.0020
	08/29/24	< 0.0030	0.0014	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.083	< 0.00020	0.38	2.52	< 0.0025	< 0.0020
	11/26/24	< 0.0030	0.0024	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.10	< 0.00020	0.48	2.08	< 0.0025	< 0.0020
	03/24/25	< 0.0030	0.0019	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	< 0.00050	0.081	< 0.00020	0.39	1.20	< 0.0025	< 0.0020
	06/16/25	< 0.0030	0.0011	0.030	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.27	< 0.00050	0.064	< 0.00020	0.28	2.89	< 0.0025	< 0.0020
	09/18/25	< 0.0030	0.0029	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.098	< 0.00020	0.53	2.62	< 0.0025	< 0.0020
	12/23/25	< 0.0030	< 0.0010	0.030	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.051	< 0.00020	0.24	2.67	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G44S down-gradient	11/20/15	< 0.0030	0.0012	0.053	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.017	< 0.00020	0.10	1.161	< 0.0025	< 0.0020
	05/09/16	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.015	< 0.00020	0.046	< 0.415	< 0.0025	< 0.0020
	06/30/16	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.014	< 0.00020	0.025	0.879	< 0.0025	< 0.0020
	08/26/16	< 0.0030	< 0.0010	0.053	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.014	< 0.00020	0.047	0.816	< 0.0025	< 0.0020
	11/16/16	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.011	< 0.00020	0.041	0.475	< 0.0025	< 0.0020
	02/16/17	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	< 0.00050	0.014	< 0.00020	0.044	0.729	< 0.0025	< 0.0020
	05/24/17	< 0.0030	< 0.0010	0.048	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.011	< 0.00020	0.031	1.02	< 0.0025	< 0.0020
	07/10/17	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	0.012	< 0.00020	0.061	0.667	< 0.0025	< 0.0020
	09/28/17	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.19	< 0.00050	0.014	< 0.00020	0.081	0.614	< 0.0025	< 0.0020
	11/21/17	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.016	< 0.00020	0.055	0.913	< 0.0025	< 0.0020
	03/07/18	< 0.0030	0.0014	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.017	< 0.00020	0.049	1.31	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/17/18	NA	< 0.0010	0.054	NA	NA	NA	< 0.0010	0.18	< 0.00050	0.016	NA	0.071	0.714	< 0.0025	NA
	12/10/18	NA	< 0.0010	0.057	NA	NA	NA	< 0.0010	0.19	< 0.00050	0.019	NA	0.14	0.454	< 0.0025	NA
	06/19/19	NA	< 0.0010	0.062	NA	NA	NA	< 0.0010	0.19	< 0.00050	0.023	NA	0.13	0.841	< 0.0025	NA
	11/12/19	NA	< 0.010	0.065	NA	NA	NA	< 0.0010	0.21	< 0.00050	0.026	NA	0.20	1.01	< 0.010	NA
	06/29/20	NA	< 0.0010	0.060	NA	NA	NA	< 0.0010	0.21	< 0.00050	0.024	NA	0.15	1.860	< 0.0025	NA
	12/15/20	NA	< 0.0010	0.062	NA	NA	NA	< 0.0010	0.25	< 0.00050	0.030	NA	0.28	1.18	< 0.0025	NA
	06/20/21	< 3.0	< 0.0010	0.058	U ^1+ 1	< 0.5	< 5	< 0.0010	0.21	< 0.00050	0.026	< 0.00020	0.22	1.29	< 0.0025	< 2.0
	12/16/21	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.027	< 0.00020	0.29	1.12	< 0.0025	< 0.0020
	03/15/22	< 0.0030	0.0025	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.022	< 0.00020	0.0093	0.98	< 0.0025	< 0.0020
	06/09/22	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.023	< 0.00020	0.17	1.36	< 0.0025	< 0.0020
	09/26/22	< 0.0030	< 0.0010	0.065	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.027	< 0.00020	0.24	1.6	< 0.0025	< 0.0020
	12/21/22	< 0.0030	< 0.0010	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	0.023	< 0.00020	0.29	1.84	< 0.0025	< 0.0020
	03/15/23	< 0.0030	< 0.0010	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.026	< 0.00020	0.26	0.783	< 0.0025	< 0.0020
	06/29/23	< 0.0030	< 0.0010	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.026	< 0.00020	0.24	1.36	< 0.0025	< 0.0020
	09/13/23	< 0.0020	< 0.0020	0.062	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.21	< 0.00050	0.024	< 0.00020	0.21	1.54	< 0.0050	< 0.0010
	12/19/23	< 0.0030	0.0011	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	< 0.00050	0.023	< 0.00020	0.17	1.50	< 0.0025	< 0.0020
	03/06/24	^1+ < 0.0030	< 0.0010	0.065	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.021	< 0.00020	0.14	0.873	< 0.0025	< 0.0020
	06/21/24	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.018	< 0.00020	0.11	1.18	< 0.0025	< 0.0020
	08/29/24	< 0.0030	< 0.0010	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.022	< 0.00020	0.15	1.48	< 0.0025	< 0.0020
	11/26/24	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.024	< 0.00020	0.19	1.40	< 0.0025	< 0.0020
	03/26/25	< 0.0030	< 0.0010	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.023	< 0.00020	0.20	0.806	< 0.0025	< 0.0020
	06/12/25	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.028	< 0.00020	0.21	1.76	< 0.0025	< 0.0020
	09/19/25	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.025	< 0.00020	0.20	1.92	< 0.0025	< 0.0020
	12/26/25	F1 < 0.0030	F1,F2 < 0.0010	F1,F2 0.071	F1 < 0.0010	F1 < 0.00050	F1 < 0.0050	F1 < 0.0010	0.32	F1 < 0.00050	F1,F2 0.027	< 0.00020	F1,F2 0.23	1.65	F1 < 0.0025	F1 < 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G46S down-gradient	11/23/15	< 0.0030	0.0033	0.064	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.27	< 0.00050	0.073	< 0.00020	0.50	1.468	< 0.0025	< 0.0020
	05/09/16	< 0.0030	0.0018	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	0.00050	0.11	< 0.00020	0.70	1.85	< 0.0025	< 0.0020
	06/30/16	< 0.0030	0.0014	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	< 0.00050	0.13	< 0.00020	0.71	1.94	< 0.0025	< 0.0020
	08/26/16	< 0.0030	0.0027	0.054	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.12	< 0.00020	1.2	1.17	< 0.0025	< 0.0020
	11/18/16	< 0.0030	0.0025	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.39	< 0.00050	0.13	< 0.00020	1.8	< 0.601	< 0.0025	< 0.0020
	02/16/17	< 0.0030	0.0024	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	< 0.00050	0.091	< 0.00020	1.4	1.07	< 0.0025	< 0.0020
	05/22/17	< 0.0030	0.0033	B 0.046	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.11	< 0.00020	1.4	0.683	< 0.0025	< 0.0020
	07/06/17	< 0.0030	0.0034	0.044	< 0.0010	< 0.00050	< 0.0050	0.010	0.41	^ < 0.00050	0.076	< 0.00020	0.92	0.709	< 0.0025	^ < 0.0020
	09/27/17	< 0.0030	0.0043	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.091	< 0.00020	0.63	0.754	< 0.0025	< 0.0020
	11/21/17	< 0.0030	0.0055	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.11	< 0.00020	0.68	0.776	< 0.0025	< 0.0020
	03/08/18	< 0.0030	0.0039	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	0.00053	0.093	< 0.00020	0.82	1.29	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/18/18	NA	0.0028	0.048	NA	NA	NA	< 0.0010	0.40	< 0.00050	0.073	NA	0.84	1.07	< 0.0025	NA
	12/11/18	NA	0.0023	0.055	NA	NA	NA	< 0.0010	0.380	< 0.00050	0.096	NA	1.20	1.22	< 0.0025	NA
	06/19/19	NA	0.014	0.040	NA	NA	NA	< 0.0010	0.330	< 0.00050	0.22	NA	1.80	1.37	< 0.0025	NA
	11/13/19	NA	< 0.050	0.041	NA	NA	NA	< 0.0010	0.310	< 0.00500	0.11	NA	1.60	1.30	< 0.010	NA
	06/29/20	NA	0.075	0.050	NA	NA	NA	< 0.0010	0.34	< 0.00500	0.23	NA	1.7	2.78	< 0.0025	NA
	12/15/20	NA	0.27	0.075	NA	NA	NA	< 0.0010	0.35	< 0.00085	0.21	NA	1.5	2.16	< 0.0025	NA
	06/30/21	< 3.0	0.044	0.050	U ^1+ 1.0	< 0.50	< 5.0	< 0.0010	0.30	< 0.00050	0.21	< 0.00020	1.6	2.17	< 0.0025	< 2.0
	12/15/21	< 0.0030	0.18	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.27	< 0.00050	0.16	< 0.00020	1.4	2.61	< 0.0025	< 0.0020
	03/11/22	< 0.0030	0.17	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.13	< 0.00020	1.6	3.65	< 0.0025	< 0.0020
	06/09/22	< 0.0030	0.017	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.26	< 0.00050	0.18	< 0.00020	1.2	1.72	< 0.0025	< 0.0020
	09/26/22	< 0.0030	0.11	0.057	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.19	< 0.00020	1.7	2.59	< 0.0025	< 0.0020
	12/20/22	< 0.0030	0.12	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	F1 0.58	< 0.00050	0.17	< 0.00020	1.9	4.78	< 0.0025	< 0.0020
	03/22/23	< 0.0030	0.056	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.20	< 0.00020	1.5	2.57	< 0.0025	< 0.0020
	06/29/23	< 0.0030	0.044	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.17	< 0.00020	1.0	2.55	< 0.0025	< 0.0020
	09/13/23	< 0.0020	0.11	0.059	< 0.0010	< 0.00020	< 0.0050	0.0012	0.24	< 0.00050	0.17	< 0.00020	1.1	3.85	< 0.0050	< 0.0010
	12/20/23	^1+ < 0.0030	0.051	0.057	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.18	< 0.00020	1.1	2.67	< 0.0025	< 0.0020
	03/07/24	^1+ < 0.0030	0.11	0.059	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.20	< 0.00020	1.2	2.10	< 0.0025	< 0.0020
	06/20/24	< 0.0030	0.019	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.18	0.00032	1.6	2.55	< 0.0025	< 0.0020
	08/27/24	^1+ < 0.0030	0.073	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.22	< 0.00020	1.2	3.15	< 0.0025	< 0.0020
	11/25/24	< 0.0300	0.057	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.23	< 0.00020	1.0	2.56	< 0.0025	< 0.0020
	03/24/25	< 0.0030	0.10	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	< 0.00050	0.21	< 0.00020	1.0	2.18	< 0.0025	< 0.0020
	06/12/25	< 0.0030	0.39	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.22	< 0.00020	1.1	11.4	< 0.0025	< 0.0020
	6/12/25 (Reanalysis)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.05	NA	NA
	09/16/25	< 0.0030	0.035	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.18	< 0.00020	1.2	3.53	< 0.0025	< 0.0020
	12/26/25	< 0.0030	0.061	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.27	< 0.00050	0.21	< 0.00020	1.2	3.51	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G47S down-gradient	11/23/15	< 0.0030	0.018	0.018	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	< 0.00050	0.036	< 0.00020	0.32	0.898	0.0030	< 0.0020
	05/06/16	< 0.0030	0.034	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	0.033	< 0.00020	0.41	0.736	0.0033	< 0.0020
	07/01/16	< 0.0030	0.022	0.019	< 0.0010	^ < 0.00050	< 0.0050	< 0.0010	0.68	< 0.00050	0.038	< 0.00020	0.53	1.01	< 0.0025	< 0.0020
	08/24/16	< 0.0030	0.017	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.67	< 0.00050	0.028	< 0.00020	0.41	1.06	< 0.0025	< 0.0020
	11/16/16	< 0.0030	0.14	0.0091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.8	< 0.00050	0.015	< 0.00020	1.4	< 1.38	0.0038	< 0.0020
	02/15/17	< 0.0030	0.059	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.1	< 0.00050	< 0.050	< 0.00020	0.57	0.716	0.0035	< 0.0020
	05/23/17	< 0.0030	0.18	0.0081	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	2.2	< 0.00050	0.013	< 0.00020	1.3	< 0.361	0.0025	< 0.0020
	07/10/17	< 0.0030	0.17	0.0085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	2.1	< 0.00050	0.013	< 0.00020	1.2	< 0.733	< 0.0025	< 0.0020
	09/27/17	< 0.0030	0.21	0.0085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	2.0	< 0.00050	0.014	< 0.00020	1.3	0.836	0.0027	< 0.0020
	11/22/17	< 0.0030	0.23	0.009	< 0.0010	< 0.00050	< 0.0050	< 0.0010	2.1	< 0.00050	0.012	< 0.00020	1.5	0.692	0.0044	< 0.0020
	03/08/18	< 0.0030	0.25	0.009	< 0.0010	< 0.00050	< 0.0050	< 0.0010	2.1	< 0.00050	0.014	< 0.00020	1.4	0.790	0.0042	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/18/18	NA	0.23	0.0087	NA	NA	NA	< 0.0010	1.7	< 0.00050	0.015	NA	1.5	1.01	0.0039	NA
	12/11/18	NA	0.14	0.011	NA	NA	NA	< 0.0010	1.10	< 0.00050	0.023	NA	1.10	0.597	0.0031	NA
	06/28/19	NA	0.13	0.012	NA	NA	NA	< 0.0010	1.30	< 0.00050	0.028	NA	1.00	0.566	< 0.0025	NA
	11/07/19	NA	0.029	0.017	NA	NA	NA	< 0.0010	0.55	< 0.00500	0.053	NA	0.38	1.02	< 0.010	NA
	06/30/20	NA	0.037	0.015	NA	NA	NA	< 0.0010	0.59	< 0.00500	0.052	NA	0.46	1.240	0.0040	NA
	12/07/20	NA	0.066	0.012	NA	NA	NA	< 0.0010	1.1	< 0.00050	0.047	NA	0.62	< 0.466	< 0.0030	NA
	06/24/21	< 0.0030	0.040	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	0.05	U H 0.00020	0.48	0.871	0.0027	< 0.0020
	12/16/21	< 0.0030	0.039	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.65	< 0.00050	0.046	< 0.00020	0.54	1.16	0.0031	< 0.0020
	03/16/22	< 0.0030	0.0074	0.021	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	0.021	< 0.00020	0.48	2.12	< 0.0025	< 0.0020
	06/09/22	< 0.0030	0.038	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.63	< 0.00050	0.043	< 0.00020	0.53	0.76	0.0028	< 0.0020
	09/22/22	< 0.0030	0.064	0.011	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.90	< 0.00050	0.044	< 0.00020	0.71	0.903	< 0.0025	< 0.0020
	12/21/22	< 0.0030	0.036	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	F1 1.1	< 0.00050	0.044	< 0.00020	0.59	0.864	0.0028	< 0.0020
	03/23/23	< 0.0030	0.039	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.65	< 0.00050	0.049	< 0.00020	0.52	0.984	0.0025	< 0.0020
	06/30/23	< 0.0030	0.038	0.012	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.64	< 0.00050	0.052	0.00058	0.55	1.26	0.0033	< 0.0020
	09/07/23	< 0.0080	0.033	0.011	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.64	< 0.00050	0.039	< 0.00020	0.50	1.07	< 0.0050	< 0.0040
	12/18/23	< 0.0030	0.038	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	0.054	< 0.00020	0.55	2.23	< 0.0025	< 0.0020
	03/04/24	^1+ < 0.0030	0.030	0.012	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.053	< 0.00020	0.48	0.792	< 0.0025	< 0.0020
	06/20/24	< 0.0030	0.024	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.043	< 0.00020	0.38	< 0.492	< 0.0025	< 0.0020
	08/28/24	^1+ < 0.0030	0.027	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.46	< 0.00050	0.059	< 0.00020	0.48	1.12	< 0.0025	< 0.0020
	11/22/24	< 0.015	0.026	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	0.058	< 0.00020	0.48	< 0.652	< 0.0025	< 0.0020
	03/26/25	< 0.0030	0.028	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.052	< 0.00020	0.48	0.782	0.0027	< 0.0020
	06/16/25	< 0.0030	0.027	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.057	< 0.00020	0.48	1.37	< 0.0025	< 0.0020
	09/15/25	< 0.0030	0.027	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	0.056	< 0.00020	0.51	1.03	< 0.0025	< 0.0020
	12/26/25	< 0.0030	0.028	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.62	< 0.00050	0.057	< 0.00020	0.53	< 0.846	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNVA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 5. Appendix IV Initial Monitoring Well Network Groundwater Analytical Results through 4th Quarter 2025 - Midwest Generation, LLC, Joliet Station #9 Lincoln Stone Quarry, Joliet, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
G48S down-gradient	11/20/15	< 0.0030	0.030	0.015	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.5	< 0.00050	0.015	< 0.00020	1.4	0.8512	< 0.0025	< 0.0020
	05/05/16	< 0.0030	0.046	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.5	< 0.00050	0.016	< 0.00020	1.2	0.800	< 0.0025	< 0.0020
	07/01/16	< 0.0030	0.038	0.011	< 0.0010	^ < 0.00050	< 0.0050	< 0.0010	1.4	< 0.00050	0.013	< 0.00020	1.2	1.01	< 0.0025	< 0.0020
	08/24/16	< 0.0030	0.032	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.4	< 0.00050	0.012	< 0.00020	1.1	1.16	< 0.0025	< 0.0020
	11/16/16	< 0.0030	0.030	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.4	< 0.00050	0.016	< 0.00020	1.1	1.65	< 0.0025	< 0.0020
	02/15/17	< 0.0030	0.038	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.014	< 0.00020	0.79	0.824	< 0.0025	< 0.0020
	05/23/17	< 0.0030	0.030	0.014	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.00050	0.016	< 0.00020	0.95	0.661	< 0.0025	< 0.0020
	07/10/17	< 0.0030	0.022	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.016	< 0.00020	0.84	1.39	< 0.0025	< 0.0020
	09/27/17	< 0.0030	0.024	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.1	< 0.00050	0.019	< 0.00020	0.72	1.32	< 0.0025	< 0.0020
	11/22/17	< 0.0030	0.027	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.2	< 0.00050	0.016	< 0.00020	0.77	1.27	< 0.0025	< 0.0020
	03/08/18	< 0.0030	0.017	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.85	< 0.00050	0.023	< 0.00020	0.51	2.30	< 0.0025	< 0.0020
	GWPS	NC	0.01	2.0	NC	NC	NC	0.006	4.0	0.015	0.041	NC	0.10	5	0.05	NC
	05/18/18	NA	0.022	0.023	NA	NA	NA	< 0.0010	0.92	< 0.00050	0.023	NA	0.49	0.962	< 0.0025	NA
	12/11/18	NA	0.023	0.016	NA	NA	NA	< 0.0010	1.1	< 0.0049	0.019	NA	0.79	0.921	< 0.0025	NA
	06/25/19	NA	0.022	0.018	NA	NA	NA	< 0.0010	0.95	< 0.00050	0.022	NA	0.73	1.33	< 0.0025	NA
	11/07/19	NA	0.012	0.027	NA	NA	NA	< 0.0010	0.89	< 0.0050	0.019	NA	0.59	1.24	< 0.010	NA
	06/26/20	NA	0.022	0.017	NA	NA	NA	< 0.0010	1.0	< 0.0050	0.021	NA	0.54	0.971	< 0.0025	NA
	12/07/20	NA	0.016	0.020	NA	NA	NA	< 0.0010	1.1	< 0.0005	0.026	NA	0.41	2.00	< 0.0025	NA
	06/24/21	< 0.0030	0.0026	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	< 0.0005	0.032	U H 0.00020	0.26	3.89	< 0.0025	< 0.0020
	12/16/21	< 0.0030	0.0076	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.91	< 0.0005	0.024	< 0.00020	0.52	1.87	< 0.0025	< 0.0020
	03/16/22	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.96	< 0.0005	0.024	< 0.00020	0.27	2.56	< 0.0025	< 0.0020
	06/09/22	< 0.0030	0.0084	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.87	< 0.0005	0.027	< 0.00020	0.38	1.36	< 0.0025	< 0.0020
	09/22/22	< 0.0030	0.011	0.019	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.97	< 0.0005	0.023	< 0.00020	0.43	2.51	< 0.0025	< 0.0020
	12/21/22	< 0.0030	0.014	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.3	< 0.0005	0.022	< 0.00020	0.43	1.12	< 0.0025	< 0.0020
	03/23/23	< 0.0030	0.016	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.96	< 0.00050	0.021	< 0.00020	0.37	1.25	< 0.0025	< 0.0020
	06/30/23	< 0.0030	0.011	0.021	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.89	< 0.0050	0.028	< 0.00020	0.32	< 0.711	< 0.0025	< 0.0020
	09/07/23	< 0.0020	0.0097	0.016	0.0010	< 0.00020	< 0.0050	< 0.00050	0.93	< 0.00050	0.019	< 0.00020	0.32	0.839	< 0.0050	< 0.0040
	12/18/23	< 0.0030	0.012	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.88	< 0.00050	0.024	< 0.00020	0.35	1.42	< 0.0025	< 0.0020
	03/06/24	^1+ < 0.0030	0.0085	0.023	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.82	< 0.00050	0.028	< 0.00020	0.42	1.15	< 0.0025	< 0.0020
	06/20/24	< 0.0030	0.010	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.90	< 0.00050	0.031	< 0.00020	0.38	2.67	< 0.0025	< 0.0020
	08/28/24	^1+ < 0.0030	0.0080	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.032	< 0.00020	0.43	1.82	< 0.0025	< 0.0020
	11/22/24	< 0.015	0.0074	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.93	< 0.00050	0.027	< 0.00020	0.41	2.06	< 0.0025	< 0.0020
	03/26/25	< 0.0030	0.0072	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.96	< 0.00050	0.022	< 0.00020	0.41	1.22	< 0.0025	< 0.0020
	06/13/25	< 0.0030	0.010	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.98	< 0.00050	0.025	< 0.00020	0.52	1.08	< 0.0025	0.0020
	09/15/25	< 0.0030	0.010	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.95	< 0.00050	0.023	< 0.00020	0.50	1.36	< 0.0025	< 0.0020
	12/26/25	< 0.0030	0.011	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.0	< 0.00050	0.022	< 0.00020	0.53	1.91	< 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.
 F1 = MS and/or MSD Recovery outside of limits.

F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample preped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 6. Appendix III Expanded Assessment Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
	Prediction Limit	1.006	126*	203.2	0.35	7.52-7.04*	360*	955
G31S down-gradient	12/10/18	4.4	130	170	0.26	7.17	290	1000
	06/24/19	5.9	160	190	0.27	7.16	370	1100
	12/18/19	5.1	140	F1 190	0.28	7.48	380	1100
	06/30/20	4.5	140	230	0.26	7.26	390	1100
	12/09/20	4.5	120	180	0.29	7.29	400	890
	06/30/21	B 4.6	150	180	0.25	7.29	460	1000
	12/13/21	4.9	150	160	0.24	7.29	450	1100
	03/11/22	5.1	150	140	0.26	7.06	490	1000
	06/10/22	4.8	150	140	0.24	7.29	480	1100
	09/27/22	4.5	160	160	0.24	7.60	480	1100
	12/16/22	5.0	140	130	0.57	7.40	450	1100
	03/15/23	4.6	150	150	0.25	7.39	420	1100
	06/28/23	3.2	150	160	0.25	7.27	420	1000
	09/06/23	2.8	140	F1 190	0.25	7.42	410	1200
	12/11/23	3.4	140	180	0.23	7.46	400	1200
	03/04/24	3.4	140	170	0.25	7.27	390	1000
	06/21/24	2.6	160	210	0.26	7.23	430	1200
	08/26/24	3.3	180	270	0.21	7.46	420	1300
	11/21/24	3.1	150	180	0.25	7.24	360	1200
	03/20/25	3.0	150	160	0.27	7.33	360	980
G33S down-gradient	06/09/25	3.5	140	130	0.28	7.26	430	990
	09/12/25	2.6	150	160	0.24	7.18	380	1000
	12/22/25	1.7	150	180	0.28	7.19	420	950
	12/10/18	0.59	36	6.3	0.98	7.41	50	410
	06/24/19	1.4	45	4.8	1.1	7.37	61	420
	12/13/19	1.6	44	4.8	1.4	7.59	66	440
	06/24/20	0.97	42	4.2	0.97	7.59	51	370
	12/10/20	1.0	51	12	1.1	7.41	74	360
	06/24/21	B 1.3	55	10	0.89	7.50	69	430
	12/13/21	0.71	52	13	0.56	7.52	66	380
	03/11/22	1.1	55	14	0.71	7.44	79	470
	06/06/22	0.78	53	12	0.62	7.34	F1 69	380
	09/28/22	0.91	61	12	0.52	7.32	63	360
	12/16/22	0.96	56	12	0.89	7.48	69	410
	03/15/23	0.72	54	13	0.56	7.42	68	510
	06/28/23	0.97	64	13	0.59	7.45	F1 73	420
	09/12/23	0.88	53	15	0.61	7.61	77	430
	12/15/23	0.93	57	13	0.48	7.16	73	430
	03/04/24	0.90	60	13	0.41	7.33	57	360
	06/19/24	0.36	49	8.8	0.33	7.56	43	300
G39S down-gradient	08/26/24	0.80	64	13	0.43	7.66	68	350
	11/21/24	0.81	57	11	0.54	7.50	72	390
	03/20/25	0.89	69	11	0.46	7.82	76	400
	06/09/25	0.89	74	12	0.48	7.22	94	400
	09/12/25	0.74	66	11	0.43	7.33	82	380
	12/17/25	0.93	75	12	0.56	7.30	110	410
	03/06/24	0.31	98	35	0.20	7.00	83	540
	06/21/24	0.23	86	20	0.21	7.19	68	540
G39S down-gradient	08/27/24	0.30	110	25	0.17	7.31	84	590
	11/26/24	0.29	100	22	0.20	7.21	100	610
	03/26/25	0.73	110	36	0.20	7.13	140	650
	06/12/25	0.31	84	39	0.22	7.20	100	540
	09/19/25	0.32	86	19	0.25	7.33	110	550
	12/26/25	1.1	100	37	0.29	7.20	190	590

Notes: All Statistics use the detection limit for non-detect results.

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

* = Based on pooled background from G45S/T03S (all others based on G45S as background).

ABD = Abandoned due to Vulcan Property mining expansion.

B = Compound was found in blank and sample.

Bold = Potential statistically significant increase.

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

V = Serial Dilution exceeds the control limits.

Table 6. Appendix III Expanded Assessment Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
	Prediction Limit	1.006	126*	203.2	0.35	7.52-7.04*	360*	955
T01S down-gradient	12/13/18	3.3	56	110	1.1	7.37	240	900
	06/26/19	4.3	58	110	1.1	7.43	450	930
	12/26/19	4.4	57	100	1.2	7.86	340	940
	06/25/20	4.0	52	100	1.1	7.75	390	900
	12/14/20	3.8	48	120	1.3	7.44	400	870
	06/28/21	B 4.6	51	100	1.2	7.63	430	910
	12/13/21	4.8	62	97	1.1	7.67	410	910
	03/14/22	4.5	62	97	1.2	7.53	420	1000
	06/14/22	4.6	54	100	1.2	7.81	420	990
	09/28/22	4.2	51	100	1.1	7.71	410	900
	12/20/22	4.3	47	100	1.3	7.46	380	980
	03/21/23	4.3	50	100	1.1	8.04	430	1000
	07/03/23	4.7	49	98	1.1	7.90	410	890
	09/28/23	3.9	51	98	0.99	7.86	420	950
	12/13/23	4.8	51	100	1.0	7.45	400	940
	03/13/24	3.4	49	99	1.1	7.53	420	910
	06/28/24	3.6	45	96	1.1	7.28	400	910
	09/05/24	4.1	52	96	0.97	7.34	400	920
	12/04/24	4.0	71	88	1.1	7.75	400	990
	03/19/25	3.9	47	F1 99	1.1	7.85	430	990
	06/19/25	3.8	58	95	1.2	7.84	420	900
	09/11/25	3.9	67	100	1.2	7.93	420	870
	12/17/25	4.4	50	100	1.3	7.85	480	1000
T02S down-gradient	12/14/18	4.9	53	110	0.47	7.55	210	870
	06/25/19	3.5	57 V	110	0.40	7.40	230	750
	12/27/19	5.2	76	96	0.67	8.03	340	1000
	06/23/20	4.5	74	F1 88	0.59	7.78	370	920
	12/09/20	4.9	64	97	0.55	7.70	370	740
	06/21/21	5.9	49	95	0.53	7.69	380	920
	12/09/21	5.1	69	99	0.41	7.77	360	F1 890
	03/10/22	5.2	61	95	0.46	8.08	380	970
	06/14/22	5.3	53	90	0.46	8.08	360	830
	09/29/22	4.1	71	110	0.36	7.26	320	810
	12/20/22	4.6	71	100	0.59	7.49	360	920
	03/20/23	5.8	82	110	0.36	7.66	370	970
	06/30/23	4.8	88	120	0.34	8.01	320	870
	09/27/23	3.9	85	120	0.29	7.70	320	960
	12/12/23	4.8	72	120	0.32	7.60	F1 330	1100
	03/12/24	B 4.2	70	110	0.37	7.79	340	870
	06/24/24	3.4	75	110	0.36	8.02	310	940
	09/04/24	3.7	89	100	0.29	7.70	310	910
	11/27/24	2.9	86	110	0.31	7.64	320	990
	03/18/25	4.0	99	100	0.37	8.00	360	900
	06/17/25	3.5	88	110	0.33	7.22	320	940
	09/10/25	3.5	84	120	0.33	7.27	330	960
	12/12/25	3.8	87	130	0.36	7.63	320	1000
T04S down-gradient	12/19/18	0.24	93	8.7	0.24	7.89	67	510
	06/27/19	0.24	100	24	0.27	7.05	140	590
	12/26/19	0.28	110	30	0.32	7.37	120	680
	06/23/20	ABD	ABD	ABD	ABD	ABD	ABD	ABD

Notes: All Statistics use the detection limit for non-detect results.

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

* = Based on pooled background from G45S/T03S (all others based on G45S as background).

ABD = Abandoned due to Vulcan Property mining expansion.

B = Compound was found in blank and sample.

Bold = Potential statistically significant increase.

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

V = Serial Dilution exceeds the control limits.

Table 6. Appendix III Expanded Assessment Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
	Prediction Limit	1.006	126*	203.2	0.35	7.52-7.04*	360*	955
T05S down-gradient	12/19/18	13.0	1.4	150	1.8	10.37	410	1600
	06/20/19	13 B	2.2	140	1.8	10.13	530	1600
	12/30/19	14	1.7	140	1.9	10.35	680	1600
	06/22/20	12	3.5	150	1.8	10.71	560	1600
	12/08/20	14	1.5	140	2.0	10.35	610	1400
	06/22/21	14	3.7	120	1.6	9.97	630	1600
	12/10/21	14	2.7	140	1.8	9.41	630	1500
	03/10/22	12	3.3	130	1.7	9.17	610	1600
	06/13/22	14	3.1	140	1.7	9.81	610	1500
	09/27/22	12	5.9	130	1.7	9.25	630	1500
	12/15/22	13	3.8	130	1.9	9.75	530	1600
	03/22/23	11	5.7	130	1.6	9.70	F1 570	1500
	07/03/23	13	1.5	140	1.7	10.06	610	1500
	09/27/23	12	2.5	130	1.5	9.24	590	1500
	12/14/23	14	2.5	130	1.7	9.26	610	1500
	03/11/24	B 14	3.3	120	1.7	10.02	590	1500
	06/25/24	12	< 4.0	110	1.6	10.18	590	1500
	09/03/24	13	1.7	120	1.5	9.13	610	1500
	12/04/24	8.5	2.4	110	1.6	8.71	610	1600
	03/18/25	12	14	110	1.8	8.55	610	1500
	06/10/25	13	1.8	F1 120	1.7	10.29	610	1500
	09/11/25	13	2.2	120	1.7	10.50	610	1500
	12/12/25	13	1.4	100	1.7	10.40	640	1700
T06S down-gradient	12/18/18	0.72	88	18	0.38	7.36	66	530
	06/20/19	B 0.77	90	9.2	0.42	7.05	89	460
	12/31/19	0.77	95	15	0.47	5.01	76	540
	06/22/20	0.73	88	13	0.45	7.69	95	460
	12/14/20	0.69	82	13	0.51	7.51	100	450
	06/22/21	0.80	84	9.9	0.43	7.50	100	530
	12/08/21	0.81	94	14	0.42	7.44	100	550
	03/08/22	0.92	85	15	0.43	7.21	99	540
	06/13/22	1.4	86	14	0.48	6.80	130	530
	09/27/22	0.85	86	15	0.42	7.24	93	460
	12/15/22	0.91	84	15	0.61	7.23	97	520
	03/21/23	0.95	74	13	0.44	7.63	100	490
	06/27/23	0.89	87	13	0.41	6.88	100	480
	09/19/23	1.0	66	14	0.44	7.29	100	470
	12/14/23	0.98	79	15	0.39	7.30	100	510
	03/11/24	B 1.3	92	14	0.43	7.33	100	500
	06/25/24	0.70	89	13	0.43	7.16	91	460
	09/03/24	0.89	90	15	0.37	7.28	97	480
	12/03/24	0.77	83	12	0.40	7.34	99	500
	03/17/25	0.86	98	15	0.48	7.43	110	510
	06/10/25	0.83	86	18	0.42	7.14	110	430
	09/09/25	1.3	89	15	0.50	7.43	120	480
	12/09/25	1.0	88	F1 14	0.48	7.25	F1 99	480

Notes: All Statistics use the detection limit for non-detect results.

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

* = Based on pooled background from G45S/T03S (all others based on G45S as background).

ABD = Abandoned due to Vulcan Property mining expansion.

B = Compound was found in blank and sample.

Bold = Potential statistically significant increase.

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

V = Serial Dilution exceeds the control limits.

Table 6. Appendix III Expanded Assessment Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
	Prediction Limit	1.006	126*	203.2	0.35	7.52-7.04*	360*	955
T08S down-gradient	12/12/18	7.5	33	120	0.89	8.21	260	950
	06/21/19	8.8	34	110	0.77	8.15	380	940
	12/27/19	5.8	43	100	0.65	8.01	280	830
	06/23/20	6.7	26	94	0.67	9.12	390	880
	12/09/20	9.1	16	100	0.91	8.35	460	840
	06/21/21	7.4	33	100	0.7	8.18	450	990
	12/09/21	9.2	36	90	< 0.10	8.50	550	1100
	03/14/22	9.4	32	89	0.78	8.67	550	1100
	06/21/22	7.8	25	87	0.66	7.44	F1 470	970
	09/29/22	8.4	20	96	0.70	9.17	490	990
	12/20/22	8.9	23	94	1.1	7.85	490	1100
	03/20/23	8.7	22	93	0.71	8.22	480	990
	07/03/23	4.5	23	89	0.68	8.90	480	930
	09/27/23	5.5	24	86	0.57	8.51	470	980
	12/14/23	9.5	18	96	0.58	7.99	490	1000
	03/13/24	9.1	20	81	0.57	8.91	470	940
	06/24/24	6.6	18	73	0.55	8.34	440	920
	09/04/24	6.9	16	73	0.44	8.09	430	930
	11/27/24	7.0	17	71	0.54	8.37	450	1000
	03/18/25	7.6	22	70	0.55	8.56	480	980
	06/17/25	8.2	33	76	0.67	8.16	500	960
	09/10/25	8.4	26	89	0.66	9.16	500	980
	12/16/25	7.6	24	75	0.57	9.03	520	910
T09S down-gradient	12/18/18	6.6	120	120	0.35	7.54	270	1000
	06/21/19	4.1	110	120	0.34	7.29	280	870
	12/30/19	5.1	120	120	0.39	7.68	350	940
	06/22/20	3.0	100	82	0.39	7.50	300	790
	12/08/20	5.7	110	84	0.46	7.51	410	890
	06/23/21	8.1	120	80	0.40	7.34	510	1000
	12/08/21	9.0	130	64	0.38	7.23	570	1100
	03/08/22	13	130	60	0.39	7.32	590	1200
	06/08/22	7.4	120	66	0.34	7.28	440	970
	09/27/22	7.6	130	61	0.33	7.32	530	990
	12/15/22	10	130	50	0.71	7.51	540	1200
	03/21/23	9.9	130	60	0.39	7.76	540	1100
	06/27/23	9.2	130	48	0.33	7.42	480	1000
	09/19/23	5.7	96	62	0.31	7.74	380	880
	12/12/23	6.9	110	57	0.29	7.57	420	920
	03/11/24	B 5.1	110	52	0.40	7.46	380	820
	06/28/24	4.2	130	58	0.31	7.29	350	890
	09/03/24	4.5	130	56	0.25	7.78	320	830
	12/03/24	3.7	130	43	0.28	7.80	270	870
	03/17/25	3.2	130	49	0.36	7.66	270	820
	06/10/25	4.1	130	59	0.26	7.31	380	780
	09/09/25	5.8	140	61	0.29	7.35	410	860
	12/09/25	5.1	140	62	0.30	7.40	100	920

Notes: All Statistics use the detection limit for non-detect results.

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

* = Based on pooled background from G45S/T03S (all others based on G45S as background).

ABD = Abandoned due to Vulcan Property mining expansion.

B = Compound was found in blank and sample.

Bold = Potential statistically significant increase.

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

V = Serial Dilution exceeds the control limits.

Table 6. Appendix III Expanded Assessment Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
	Prediction Limit	1.006	126*	203.2	0.35	7.52-7.04*	360*	955
T12S down-gradient	06/27/23	6.8	150	83	0.16	7.82	380	860
	09/12/23	6.4	100	80	0.19	7.46	350	810
	12/18/23	7.7	120	75	0.14	7.69	330	740
	03/06/24	5.4	110	63	0.21	7.58	270	760
	06/20/24	5.2	140	74	0.18	8.82	310	840
	08/28/24	4.8	130	72	0.15	7.42	230	790
	11/25/24	4.5	120	66	0.20	7.47	190	720
	03/20/25	3.4	120	60	0.21	7.41	190	640
	06/19/25	6.8	140	66	0.21	7.62	480	980
	09/12/25	4.6	130	110	0.16	7.56	250	830
	12/23/25	3.1	140	150	0.15	7.25	170	800
T13S down-gradient	06/27/23	0.40	100	42	0.24	7.98	130	620
	09/26/23	0.38	100	37	F1 0.20	7.43	140	580
	12/19/23	0.37	96	38	0.22	7.37	160	570
	03/06/24	0.52	100	37	0.23	7.43	160	640
	06/20/24	0.27	96	27	0.25	7.59	130	580
	08/28/24	0.41	100	31	0.18	7.46	F1 160	550
	11/22/24	0.17	8.3	39	0.23	7.42	170	630
	03/20/25	0.64	120	44	0.25	7.55	180	600
	06/16/25	0.54	93	41	0.25	7.31	170	620
	09/19/25	0.57	100	43	0.27	7.30	170	550
	12/23/25	0.55	95	46	0.26	7.31	200	600

Notes: All Statistics use the detection limit for non-detect results.

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

* = Based on pooled background from G45S/T03S (all others based on G45S as background).

ABD = Abandoned due to Vulcan Property mining expansion.

B = Compound was found in blank and sample.

Bold = Potential statistically significant increase.

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

V = Serial Dilution exceeds the control limits.

Table 7. Appendix IV Expanded Assessment Well Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
GWPS		0.006	0.01	2.0	NC	0.005	0.1	0.006	4.0	0.015	0.041	NC		5.0	0.05	NC
G31S down-gradient	12/10/18	NA	0.0051	0.051	NA	NA	NA	< 0.0010	0.26	0.0012	0.11	NA	0.72	3.53	< 0.0025	NA
	06/24/19	NA	0.0056	0.059	NA	NA	NA	< 0.0010	0.27	< 0.00050	0.12	NA	0.89	3.71	< 0.0025	NA
	12/18/19	NA	0.0049	0.049	NA	NA	NA	< 0.0010	0.28	0.00050	0.11	NA	0.75	4.06	< 0.0025	NA
	06/30/20	NA	0.0036	0.047	NA	NA	NA	< 0.0010	0.26	< 0.00050	0.10	NA	0.65	3.80	< 0.0025	NA
	12/09/20	NA	0.0034	0.080	NA	NA	NA	< 0.0010	0.29	< 0.00050	0.10	NA	0.57	2.36	< 0.0025	NA
	06/30/21	< 3.0	0.0041	0.049	^1+ < 1.0	< 0.50	< 5.0	< 0.0010	0.25	< 0.00050	0.097	< 0.00020	0.70	4.02	< 0.0025	< 2.0
	12/13/21	< 0.0030	0.0036	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.094	< 0.00020	0.75	2.02	< 0.0025	< 0.0020
	03/11/22	< 0.0030	0.0043	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.26	< 0.00050	0.094	< 0.00020	0.83	3.76	< 0.0025	< 0.0020
	06/10/22	< 0.0030	0.0039	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.10	< 0.00020	0.81	3.93	< 0.0025	< 0.0020
	09/27/22	< 0.0030	0.0040	0.050	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.094	< 0.00020	0.80	3.12	< 0.0025	< 0.0020
	12/16/22	< 0.0030	0.0041	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.10	< 0.00020	0.89	4.10	< 0.0025	< 0.0020
	03/15/23	< 0.0030	0.0036	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.093	< 0.00020	0.75	2.99	< 0.0025	< 0.0020
	06/28/23	< 0.0030	0.0031	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.083	< 0.00020	0.61	2.95	< 0.0025	< 0.0020
	09/06/23	< 0.0020	0.0025	0.043	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.25	< 0.00050	0.061	< 0.00020	0.49	3.02	< 0.0050	< 0.0010
	12/11/23	< 0.0030	0.0030	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	0.084	< 0.00020	0.58	3.13	< 0.0025	< 0.0020
	03/04/24	^1+ < 0.0030	0.0029	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.087	< 0.00020	0.54	2.88	< 0.0025	< 0.0020
	06/21/24	< 0.015	< 0.0050	0.047	^1+ < 0.0050	< 0.0025	< 0.0050	< 0.0050	0.26	< 0.0025	0.074	< 0.00020	0.49	3.32	< 0.013	< 0.010
	08/26/24	^1+ < 0.0030	0.0025	0.050	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.087	< 0.00020	0.59	3.41	< 0.0025	< 0.0020
	11/21/24	< 0.0030	0.0025	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.084	< 0.00020	0.50	3.85	< 0.0025	< 0.0020
	03/20/25	< 0.0030	0.0023	0.039	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.27	< 0.00050	0.077	< 0.00020	0.44	2.73	< 0.0025	< 0.0020
	06/09/25	< 0.0030	0.0023	0.043	< 0.0010	< 0.00050	< 0.0050	^5- < 0.0010	0.28	< 0.00050	^5- 0.083	< 0.00020	0.67	2.62	< 0.0025	< 0.0020
	09/12/25	< 0.0030	0.0019	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	< 0.00050	0.070	< 0.00020	0.45	2.90	< 0.0025	< 0.0020
	12/22/25	< 0.0030	0.0018	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	< 0.00050	0.061	< 0.00020	0.37	3.43	< 0.0025	< 0.0020
G33S down-gradient	12/10/18	NA	0.0029	0.45	NA	NA	NA	< 0.0010	0.98	0.016	0.038	NA	< 0.0050	2.28	< 0.0025	NA
	06/24/19	NA	0.0011	0.070	NA	NA	NA	< 0.0010	1.1	0.0011	0.043	NA	< 0.0050	1.39	< 0.0025	NA
	12/13/19	NA	0.0010	0.057	NA	NA	NA	< 0.0010	1.4	0.00064	0.041	NA	< 0.0050	1.94	< 0.0025	NA
	06/24/20	NA	0.0018	0.058	NA	NA	NA	< 0.0010	0.97	0.0013	0.040	NA	< 0.0050	< 0.787	< 0.0025	NA
	12/10/20	NA	0.0016	0.046	NA	NA	NA	< 0.0010	1.1	0.00058	0.041	NA	< 0.0050	< 0.477	< 0.0025	NA
	06/24/21	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.89	0.0029	0.041	< H 0.00020	< 0.0050	1.44	< 0.0025	< 0.0020
	12/13/21	< 0.0030	0.0015	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.56	0.0014	0.031	< 0.00020	< 0.0050	< 1.04	< 0.0025	< 0.0020
	03/11/22	< 0.0030	0.0024	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	0.0030	0.039	< 0.00020	< 0.0050	3.34	< 0.0025	< 0.0020
	06/06/22	< 0.0030	0.0019	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.62	0.00077	0.033	< 0.00020	< 0.0050	< 0.961	< 0.0025	< 0.0020
	09/28/22	< 0.0030	0.0022	0.086	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	0.0024	0.034	< 0.00020	< 0.0050	3.52	< 0.0025	< 0.0020
	12/16/22	< 0.0030	0.0014	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.89	0.0056	0.034	< 0.00020	< 0.0050	2.07	< 0.0025	< 0.0020
	03/15/23	< 0.0030	0.0018	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.56	0.0013	0.031	< 0.00020	< 0.0050	1.15	< 0.0025	< 0.0020
	06/28/23	< 0.0030	0.0021	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	0.0027	0.038	< 0.00020	< 0.0050	< 1.53	< 0.0025	< 0.0020
	09/12/23	< 0.0020	0.0020	0.079	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.61	0.0070	0.033	< 0.00020	< 0.0020	< 1.16	< 0.0050	< 0.0010
	12/15/23	< 0.0030	0.0011	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	0.0036	0.032	< 0.00020	< 0.0050	3.02	< 0.0025	< 0.0020
	03/04/24	^1+ < 0.0030	0.0017	0.22	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	0.0064	0.035	< 0.00020	< 0.0050	< 1.05	< 0.0025	< 0.0020
	06/19/24	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	0.00050	0.015	< 0.00020	< 0.0050	< 0.507	< 0.0025	< 0.0020
	08/26/24	^1+ < 0.0030	< 0.0010	0.053	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	0.00093	0.030	< 0.00020	< 0.0050	0.706	< 0.0025	< 0.0020
	11/21/24	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	0.0015	0.034	< 0.00020	< 0.0050	< 0.836	< 0.0025	< 0.0020
	03/20/25	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.46	0.0014	0.033	< 0.00020	< 0.0050	< 1.03	< 0.0025	< 0.0020
	06/09/25	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	^5- < 0.0010	0.48	< 0.00050	^5- 0.032	< 0.00020	< 0.0050	0.728	< 0.0025	< 0.0020
	09/12/25	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	0.00074	0.028	< 0.00020	< 0.0050	1.27	< 0.0025	< 0.0020
	12/17/25	< 0.0030	0.0011	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.56	0.0041	0.034	< 0.00020	< 0.0050	2.11	^1+ < 0.0025	< 0.0020
G39S down-gradient	03/06/24	^1+ < 0.0030	0.0011	0.038	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	0.00097	0.012	< 0.00020	0.0074	0.875	< 0.0025	< 0.0020
	06/21/24	< 0.0030	0.0030	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	0.00059	< 0.010	< 0.00020	0.0055	1.37	< 0.0025	< 0.0020
	08/27/24	^1+ < 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.17	< 0.00050	0.012	< 0.00020	0.0078	0.665	< 0.0025	< 0.0020
	11/26/24	< 0.0030	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	0.0012	0.011	< 0.00020	0.0060	1.01	< 0.0025	< 0.0020
	03/26/25	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	0.0011	0.019	< 0.00020	0.016	0.885	< 0.0025	< 0.0020
	06/12/25	< 0.0030	0.0011	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.22	0.00089	0.013	< 0.00020	0.0058	1.43	< 0.0025	< 0.0020
	09/19/25	< 0.0030	0.0026	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	0.00089	0.012	< 0.00020	0.0066	1.06	< 0.0025	< 0.0020
	12/26/25	< 0.0030	0.0020	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	0.00074	0.025	< 0.00020	0.035	1.52	< 0.0025	< 0.0020

Notes: All units are in mg/L, with the exception of Radium (pCi/L).
 ABD = Abandoned due to Vulcan Property mining expansion.
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.

F1 = MS and/or MSD Recovery outside of limits.
 F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 7. Appendix IV Expanded Assessment Well Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
GWPS		0.006	0.01	2.0	NC	0.005	0.1	0.006	4.0	0.015	0.041	NC		5.0	0.05	NC
T01S down-gradient	12/13/18	NA	0.016	0.084	NA	NA	NA	0.0037	1.1	0.0053	0.018	NA	0.30	1.12	< 0.0025	NA
	06/26/19	NA	0.022	0.069	NA	NA	NA	0.0030	1.1	0.0037	0.011	NA	0.30	1.02	< 0.0025	NA
	12/26/19	NA	0.012	0.052	NA	NA	NA	0.0019	1.2	0.0018	0.012	NA	0.32	1.94	< 0.0025	NA
	06/25/20	NA	0.0086	0.047	NA	NA	NA	0.0010	1.1	0.00057	< 0.010	NA	0.32	1.90	< 0.0025	NA
	12/14/20	NA	0.011	0.040	NA	NA	NA	< 0.0010	1.3	< 0.00050	0.011	NA	0.33	0.998	< 0.0025	NA
	06/28/21	< 3.0	0.014	0.094	< 1.0	< 0.50	17	0.0052	1.2	0.0056	0.022	< 0.00020	0.31	2.49	< 0.0025	< 2.0
	12/13/21	< 0.0030	0.023	0.10	< 0.0010	< 0.00050	0.019	0.0078	1.1	0.0078	0.021	< 0.00020	0.35	2.22	< 0.0025	< 0.0020
	03/14/22	< 0.0030	0.026	0.13	< 0.0010	0.00050	0.027	0.012	1.2	0.014	0.026	< 0.00020	0.31	4.11	< 0.0025	< 0.0020
	06/14/22	< 0.0030	0.015	0.059	< 0.0010	< 0.00050	0.0086	0.0036	1.2	0.0025	0.013	< 0.00020	0.34	1.80	< 0.0025	< 0.0020
	09/28/22	< 0.0030	0.0082	0.045	^1+ < 0.0010	< 0.00050	< 0.005	0.0013	1.1	0.00052	0.012	< 0.00020	0.34	1.81	< 0.0025	< 0.0020
	12/20/22	< 0.0030	0.0065	0.051	< 0.0010	< 0.00050	< 0.005	0.0024	1.3	0.0018	0.012	< 0.00020	0.30	3.00	< 0.0025	< 0.0020
	03/21/23	< 0.0030	0.016	0.097	< 0.0010	< 0.00050	0.018	0.0079	1.1	0.0085	0.022	< 0.00020	0.29	3.08	< 0.0025	< 0.0020
	07/03/23	< 0.0030	0.0086	0.044	^1+ < 0.0010	< 0.0025	< 0.0050	0.0014	1.1	0.0011	0.012	< 0.00020	0.29	1.76	< 0.0025	< 0.0020
	09/28/23	< 0.0020	0.010	0.042	< 0.0010	< 0.00020	< 0.0050	0.0025	0.99	0.0019	0.011	< 0.00020	0.26	3.55	< 0.0050	< 0.0010
	12/13/23	< 0.0030	0.011	0.054	< 0.0010	< 0.00050	0.0057	0.0038	1.0	0.0031	0.014	< 0.00020	0.28	1.02	< 0.0025	< 0.0020
	03/13/24	^1+ < 0.0030	0.012	0.078	^1+ < 0.0010	< 0.00050	0.014	0.0069	1.1	0.0069	0.022	< 0.00020	0.29	1.87	< 0.0025	< 0.0020
	06/28/24	< 0.0030	0.013	0.044	< 0.0010	< 0.00050	< 0.0050	0.0021	1.1	0.00084	0.011	< 0.00020	0.27	1.21	< 0.0025	< 0.0020
	09/05/24	< 0.0030	0.0097	0.056	< 0.0010	< 0.00050	0.0070	0.0033	0.97	0.0026	0.017	< 0.00020	0.28	2.16	< 0.0025	< 0.0020
	12/04/24	< 0.0030	0.0087	0.057	< 0.0010	< 0.00050	< 0.0050	0.0064	1.1	0.0043	0.012	< 0.00020	0.25	2.21	< 0.0025	< 0.0020
	03/19/25	< 0.0030	0.0047	0.037	< 0.0010	< 0.00050	< 0.0050	0.0014	1.1	0.00086	0.012	< 0.00020	0.26	3.44	< 0.0025	< 0.0020
	06/19/25	< 0.010	0.013	0.086	< 0.0033	< 0.0017	< 0.017	0.010	1.2	0.0074	< 0.033	< 0.00020	0.24	3.60	< 0.0083	< 0.0067
	09/11/25	< 0.0030	0.016	0.10	< 0.0010	< 0.00050	0.022	0.011	1.2	0.0090	0.028	< 0.00020	0.28	5.78	< 0.0025	< 0.0020
	12/17/25	< 0.0030	0.0093	0.059	< 0.0010	< 0.00050	0.0086	0.0045	1.3	0.0032	0.017	< 0.00020	0.32	2.51	^1+ < 0.0025	< 0.0020
T02S down-gradient	12/14/18	NA	0.0086	0.063	NA	NA	NA	0.0016	0.47	0.0070	0.027	NA	0.50	1.20	< 0.0025	NA
	06/26/19	NA	0.0060	V 0.091	NA	NA	NA	0.0021	0.40	0.0024	0.034	NA	0.25 V	1.45	< 0.0025	NA
	12/27/19	NA	0.019	0.083	NA	NA	NA	0.012	0.67	0.0044	0.038	NA	0.42	1.21	< 0.0025	NA
	06/23/20	NA	0.014	0.075	NA	NA	NA	0.0037	0.59	0.0012	0.034	NA	0.33	2.07	< 0.0025	NA
	12/09/20	NA	0.0060	0.091	NA	NA	NA	< 0.0010	0.55	< 0.00050	0.040	NA	0.33	1.17	< 0.0025	NA
	06/21/21	< 0.0030	0.0094	0.063	< 0.0010	< 0.00050	< 0.0050	0.0029	0.53	0.00099	0.038	< 0.00020	0.50	1.31	< 0.0025	< 0.0020
	12/09/21	0.0082	0.0097	0.078	< 0.0010	< 0.00050	< 0.0050	0.0041	0.41	0.0027	0.034	< 0.00020	0.54	2.82	< 0.0025	< 0.0020
	03/10/22	0.0092	0.0092	0.065	< 0.0010	< 0.00050	< 0.0050	0.0026	0.46	0.0016	0.029	< 0.00020	0.50	< 0.782	< 0.0025	< 0.0020
	06/14/22	< 0.0030	0.0094	0.066	< 0.0010	< 0.00050	< 0.0050	0.0036	0.46	0.0017	0.033	< 0.00020	0.46	2.32	< 0.0025	< 0.0020
	09/29/22	< 0.0030	0.0084	0.088	^1+ < 0.0010	< 0.00050	< 0.0050	0.0036	0.36	0.0021	0.033	< 0.00020	0.40	3.36	< 0.0025	< 0.0020
	12/20/22	< 0.0030	0.0049	0.082	< 0.0010	< 0.00050	< 0.0050	0.0021	0.59	0.0029	0.033	< 0.00020	0.46	3.68	< 0.0025	< 0.0020
	03/20/23	< 0.0030	0.0063	0.12	< 0.0010	< 0.00050	< 0.0050	0.0021	0.36	0.0040	0.035	< 0.00020	0.44	1.61	< 0.0025	< 0.0020
	06/30/23	< 0.0030	0.0081	0.11	^1+ < 0.0010	< 0.00050	< 0.0050	0.0033	0.34	0.0043	0.034	< 0.00020	0.37	1.58	< 0.0025	< 0.0020
	09/27/23	< 0.0020	0.0070	0.069	< 0.0010	< 0.00020	< 0.0050	0.0021	0.29	0.0029	0.034	< 0.00020	0.34	4.86	< 0.0050	0.0011
	12/12/23	< 0.0030	0.0050	0.088	< 0.0010	< 0.00050	< 0.0050	0.0014	0.32	0.0020	0.035	< 0.00020	0.36	1.92	< 0.0025	< 0.0020
	03/12/24	^1+ < 0.0030	0.0084	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	0.0085	0.37	0.0083	0.034	< 0.00020	0.40	1.47	< 0.0025	< 0.0020
	06/24/24	< 0.015	0.0082	0.12	^1+ < 0.0050	< 0.0025	< 0.025	0.0057	0.36	0.0055	^1+ < 0.050	< 0.00020	0.29	2.18	< 0.013	< 0.010
	09/04/24	< 0.0030	0.0077	0.22	< 0.0010	< 0.00050	< 0.0050	0.0012	0.29	0.012	0.044	< 0.00020	0.30	2.50	< 0.0025	< 0.0020
	11/27/24	< 0.0030	0.0046	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	0.0069	0.035	< 0.00020	0.25	1.94	< 0.0025	< 0.0020
	03/18/25	< 0.0030	0.0071	0.16	< 0.0010	< 0.00050	< 0.0050	0.0046	0.37	0.0089	0.039	< 0.00020	0.38	1.23	0.0026	< 0.0020
	06/17/25	< 0.0030	0.0044	0.098	< 0.0010	< 0.00050	< 0.0050	0.0020	0.33	0.0019	0.038	< 0.00020	0.31	4.01	< 0.0025	< 0.0020
	09/10/25	< 0.0030	0.0054	0.11	< 0.0010	< 0.00050	< 0.0050	0.0018	0.33	0.0028	0.035	< 0.00020	0.31	5.99	< 0.0025	< 0.0020
	12/12/25	0.0068	0.013	0.091	< 0.0010	< 0.00050	< 0.0050	0.0038	0.36	0.0030	0.038	< 0.00020	0.36	2.72	< 0.0025	< 0.0020
T04S down-gradient	12/19/18	NA	< 0.0010	0.056	NA	NA	NA	< 0.0010	0.24	0.0018	0.027	NA	0.012	0.768	< 0.0025	NA
	06/27/19	NA	0.0024	0.087	NA	NA	NA	0.0033	0.27	0.0038	0.038	NA	0.014	1.14	< 0.0025	NA
	12/26/19	NA	0.0022	0.078	NA	NA	NA	0.0044	0.32	0.0049	0.041	NA	0.013	1.16	< 0.0025	NA
	06/23/20	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD

Notes: All units are in mg/L, with the exception of Radium (pCi/L).
 ABD = Abandoned due to Vulcan Property mining expansion.
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.

F1 = MS and/or MSD Recovery outside of limits.
 F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 7. Appendix IV Expanded Assessment Well Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
GWPS		0.006	0.01	2.0	NC	0.005	0.1	0.006	4.0	0.015	0.041	NC		0.1	0.05	NC
T05S down-gradient	12/19/18	NA	0.14	0.010	NA	NA	NA	< 0.0010	1.8	< 0.00050	0.015	NA	1.0	0.928	0.0026	NA
	06/20/19	NA	0.14	0.0099	NA	NA	NA	< 0.0010	1.8	< 0.00050	0.018	NA	1.1	0.606	0.0056	NA
	12/30/19	NA	0.14	0.011	NA	NA	NA	< 0.0010	1.9	< 0.00050	0.020	NA	1.0	< 0.482	0.0049	NA
	06/22/20	NA	0.13	0.010	NA	NA	NA	< 0.0010	1.8	< 0.00050	0.017	NA	0.96	< 1.01	0.0038	NA
	12/08/20	NA	0.13	0.010	NA	NA	NA	< 0.0010	2.0	< 0.00050	0.021	NA	1.2	0.607	0.0048	NA
	06/02/21	< 0.0030	0.13	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.6	< 0.00050	0.022	H < 0.00020	1.0	< 0.558	0.0044	< 0.0020
	12/10/21	< 0.0030	0.12	0.0098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.8	< 0.00050	0.019	< 0.00020	0.96	1.37	0.0041	< 0.0020
	03/10/22	0.0030	0.13	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.018	< 0.00020	0.92	0.877	0.0029	< 0.0020
	06/13/22	< 0.0030	0.12	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.019	< 0.00020	0.96	0.842	0.0052	< 0.0020
	09/27/22	0.0044	0.12	0.0096	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.019	< 0.00020	0.91	1.29	0.0070	< 0.0020
	12/15/22	< 0.0030	0.10	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.9	< 0.00050	0.017	< 0.00020	1.0	0.823	0.0036	< 0.0020
	03/22/23	< 0.0030	0.11	0.0098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.6	< 0.00050	0.021	< 0.00020	0.96	< 0.694	0.0028	< 0.0020
	07/03/23	< 0.0030	0.12	0.010	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.024	< 0.00020	0.98	< 0.678	0.0058	< 0.0020
	09/27/23	< 0.0020	0.095	0.0087	< 0.0010	0.00024	< 0.0050	< 0.00050	1.5	< 0.00050	0.023	< 0.00020	0.81	1.75	< 0.0050	< 0.0010
	12/14/23	< 0.0030	0.13	0.0076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.021	< 0.00020	0.98	1.13	< 0.0025	< 0.0020
	03/11/24	^1+ < 0.0030	0.12	0.0062	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.025	< 0.00020	0.99	< 0.682	0.0033	< 0.0020
	06/25/24	< 0.060	0.11	< 0.050	^1+ < 0.020	< 0.010	< 0.10	< 0.020	1.6	< 0.010	^1+ < 0.20	< 0.00020	0.88	< 0.879	< 0.050	< 0.040
	09/03/24	< 0.0030	0.13	0.0074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.5	< 0.00050	< 0.050	< 0.00020	1.1	< 1.49	0.0030	< 0.0020
	12/04/24	< 0.0030	0.087	0.0053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.6	< 0.00050	0.015	< 0.00020	0.70	< 1.18	0.0027	< 0.0020
	03/18/25	< 0.0030	0.13	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.8	< 0.00050	0.022	< 0.00020	1.1	0.816	0.0046	< 0.0020
	06/10/25	< 0.0030	0.13	0.0085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.025	< 0.00020	1.0	< 0.621	0.0045	< 0.0020
	09/11/25	< 0.0030	0.13	0.0083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.024	< 0.00020	0.98	< 0.865	0.0039	< 0.0020
	12/12/25	< 0.0030	0.12	0.0083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.7	< 0.00050	0.027	< 0.00020	0.98	1.85	0.0029	< 0.0020
T06S down-gradient	12/18/18	NA	< 0.0010	0.035	NA	NA	NA	< 0.0010	0.38	< 0.00050	0.028	NA	0.0085	2.18	< 0.0025	NA
	06/20/19	NA	< 0.0010	0.036	NA	NA	NA	< 0.0010	0.42	< 0.00050	0.027	NA	0.0085	1.75	< 0.0025	NA
	12/31/19	NA	< 0.0010	0.035	NA	NA	NA	< 0.0010	0.47	< 0.00050	0.029	NA	0.011	1.55	< 0.0025	NA
	06/22/20	NA	< 0.0010	0.035	NA	NA	NA	< 0.0010	0.45	< 0.00050	0.026	NA	0.006	1.66	< 0.0025	NA
	12/14/20	NA	< 0.0010	0.031	NA	NA	NA	< 0.0010	0.51	< 0.00050	0.028	NA	0.011	1.320	< 0.0025	NA
	06/22/21	0.0035	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.028	H < 0.00020	0.0077	1.79	< 0.0025	< 0.0020
	12/08/21	< 0.0030	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.42	< 0.00050	0.027	< 0.00020	0.014	2.07	< 0.0025	< 0.0020
	03/08/22	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.025	< 0.00020	0.017	1.86	< 0.0025	< 0.0020
	06/13/23	< 0.0030	0.0020	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.025	< 0.00020	0.041	1.81	< 0.0025	< 0.0020
	09/27/22	< 0.0030	< 0.0010	0.033	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.42	< 0.00050	0.024	< 0.00020	0.016	1.54	< 0.0025	< 0.0020
	12/15/22	< 0.0030	< 0.0010	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.61	< 0.00050	0.023	< 0.00020	0.015	1.77	< 0.0025	< 0.0020
	03/21/23	< 0.0030	< 0.0010	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.026	< 0.00020	0.026	1.60	< 0.0025	< 0.0020
	06/27/23	< 0.0030	0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	< 0.00050	0.026	< 0.00020	0.016	1.15	< 0.0025	< 0.0020
	09/19/23	< 0.0020	< 0.0020	0.031	< 0.0010	0.00021	< 0.0050	< 0.00050	0.44	< 0.00050	0.025	< 0.00020	0.026	1.51	< 0.0050	0.0015
	12/14/23	< 0.0030	0.0012	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.39	< 0.00050	0.021	< 0.00020	0.025	2.01	< 0.0025	< 0.0020
	03/11/24	^1+ < 0.0030	0.0013	0.036	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	0.00065	0.026	< 0.00020	0.030	1.72	< 0.0025	< 0.0020
	06/25/24	< 0.0030	< 0.0010	0.035	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.025	< 0.00020	0.0083	1.68	< 0.0025	< 0.0020
	09/03/24	< 0.0030	< 0.0010	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	0.026	< 0.00020	0.022	1.79	< 0.0025	< 0.0020
	12/03/24	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.024	< 0.00020	0.0088	1.89	< 0.0025	< 0.0020
	03/17/25	< 0.0030	< 0.0010	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.024	< 0.00020	0.016	1.21	< 0.0025	< 0.0020
	06/10/25	< 0.0030	< 0.0010	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.42	< 0.00050	0.024	< 0.00020	0.0070	1.46	< 0.0025	< 0.0020
	09/09/25	< 0.0030	0.0015	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.50	< 0.00050	0.026	< 0.00020	0.041	3.08	< 0.0025	< 0.0020
	12/09/25	< 0.0030	< 0.0010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	0.026	< 0.00020	0.030	DNYA	^1+ < 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 ABD = Abandoned due to Vulcan Property mining expansion.
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.

F1 = MS and/or MSD Recovery outside of limits.
 F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prep'd or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits, High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 7. Appendix IV Expanded Assessment Well Network Groundwater Analytical Results through 4th Quarter 2025.

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
GWPS		0.006	0.01	2.0	NC	0.005	0.1	0.006	4.0	0.015	0.041	NC		0.1	0.05	NC
T08S down-gradient	12/12/18	NA	0.015	0.041	NA	NA	NA	< 0.0010	0.89	0.00050	0.026	NA	0.88	0.674	< 0.0025	NA
	06/21/19	NA	0.019	0.042	NA	NA	NA	< 0.0010	0.77	< 0.00050	0.029	NA	0.82	0.544	< 0.0025	NA
	12/27/19	NA	0.012	0.047	NA	NA	NA	< 0.0010	0.65	< 0.00050	0.031	NA	0.56	0.620	< 0.0025	NA
	06/23/20	NA	0.016	0.032	NA	NA	NA	< 0.0010	0.67	< 0.00050	0.033	NA	0.62	0.620	< 0.0025	NA
	12/09/20	NA	0.022	0.023	NA	NA	NA	< 0.0010	0.91	< 0.00050	0.032	NA	0.68	< 0.504	< 0.0025	NA
	06/21/21	0.043	0.017	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.70	< 0.00050	0.035	H < 0.00020	0.71	0.954	< 0.0025	< 0.0020
	12/09/21	< 0.0030	0.015	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.10	< 0.00050	0.034	< 0.00020	0.98	1.26	< 0.0025	< 0.0020
	03/14/22	< 0.0030	0.016	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.78	< 0.00050	0.034	< 0.00020	0.96	< 0.515	< 0.0025	< 0.0020
	06/21/22	< 0.0030	0.020	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	0.033	< 0.00020	0.76	< 1.04	< 0.0025	< 0.0020
	09/29/22	< 0.0030	0.025	0.027	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.70	< 0.00050	0.037	< 0.00020	0.81	1.38	< 0.0025	< 0.0020
	12/20/22	0.0030	0.019	0.030	< 0.0010	< 0.00050	< 0.0050	< 0.0010	1.1	< 0.00050	0.036	< 0.00020	0.89	< 0.577	< 0.0025	< 0.0020
	03/20/23	0.0086	0.020	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	< 0.00050	0.036	< 0.00020	0.85	< 0.740	< 0.0025	< 0.0020
	07/03/23	< 0.0030	0.020	0.029	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.68	< 0.0050	0.040	< 0.00020	0.80	< 0.563	< 0.0025	< 0.0020
	09/27/23	< 0.0020	0.019	0.030	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.57	< 0.00050	0.039	< 0.00020	0.74	3.15	< 0.0050	< 0.0010
	12/14/23	0.0041		0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00065	0.042	< 0.00020	0.71	0.509	< 0.0025	< 0.0020
	03/13/24	^1+ < 0.0030	0.016	0.024	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	< 0.00050	0.044	< 0.00020	0.74	1.60	< 0.0025	< 0.0020
	06/24/24	< 0.030	0.012	< 0.025	^1+ < 0.010	< 0.0050	< 0.050	< 0.010	0.55	< 0.0050	^1+ < 0.10	< 0.00020	0.60	0.702	< 0.025	< 0.020
	09/04/24	< 0.0030	0.012	0.024	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.060	< 0.00020	0.63	< 0.643	< 0.0025	< 0.0020
	11/27/24	< 0.0030	0.012	0.023	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	0.053	< 0.00020	0.63	< 0.668	< 0.0025	< 0.0020
	03/18/25	< 0.0030	0.0076	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.057	< 0.00020	0.72	0.723	< 0.0025	< 0.0020
	06/17/25	0.0034	0.013	0.052	< 0.0010	< 0.00050	< 0.0050	0.0014	0.67	0.0015	0.056	< 0.00020	0.81	2.74	< 0.0025	< 0.0020
	09/10/25	< 0.0030	0.014	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	0.048	< 0.00020	0.76	2.20	< 0.0025	< 0.0020
	12/16/25	< 0.0030	0.012	0.048	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	0.00082	0.052	< 0.00020	0.75	0.961	< 0.0025	< 0.0020
T09S down-gradient	12/18/18	NA	0.0027	0.093	NA	NA	NA	0.0011	0.35	0.0017	0.097	NA	1.0	3.31	< 0.0025	NA
	06/21/19	NA	0.0035	0.093	NA	NA	NA	< 0.0010	0.34	0.00080	0.075	NA	0.67	3.08	< 0.0025	NA
	12/30/19	NA	0.0026	0.084	NA	NA	NA	< 0.0010	0.39	0.00064	0.082	NA	0.75	2.42	< 0.0025	NA
	06/22/20	NA	0.0027	0.080	NA	NA	NA	< 0.0010	0.39	0.0017	0.052	NA	0.52	3.04	< 0.0025	NA
	12/08/20	NA	0.0022	0.080	NA	NA	NA	< 0.0010	0.46	0.00061	0.070	NA	0.89	2.76	< 0.0025	NA
	06/23/21	< 0.0030	0.0026	0.074	< 0.0010	< 0.00050	< 0.0050	0.0011	0.40	0.00088	0.095	H < 0.00020	1.2	2.56	< 0.0025	< 0.0020
	12/08/21	< 0.0030	0.0035	0.067	< 0.0010	< 0.00050	< 0.0050	0.0011	0.38	0.00084	0.10	< 0.00020	1.3	2.74	< 0.0025	< 0.0020
	03/08/22	< 0.0030	0.0030	0.064	< 0.0010	< 0.00050	< 0.0050	0.0012	0.39	0.00058	0.13	< 0.00020	1.5	2.74	< 0.0025	< 0.0020
	06/08/22	< 0.0030	0.0025	0.061	< 0.0010	< 0.00050	< 0.0050	0.0010	0.34	0.00098	0.079	< 0.00020	0.86	2.63	< 0.0025	< 0.0020
	09/27/22	< 0.0030	0.0029	0.062	^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	0.33	0.00070	0.096	< 0.00020	1.3	3.99	< 0.0025	< 0.0020
	12/15/22	< 0.0030	0.0022	0.067	< 0.0010	< 0.00050	< 0.0050	0.0012	0.71	0.00086	0.11	< 0.00020	1.2	3.08	< 0.0025	< 0.0020
	03/21/23	< 0.0030	0.0019	0.064	< 0.0010	< 0.00050	< 0.0050	0.0012	0.39	< 0.00050	0.11	< 0.00020	1.3	2.87	< 0.0025	< 0.0020
	06/27/23	< 0.0030	0.0037	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	0.0010	0.10	< 0.00020	0.99	2.52	< 0.0025	< 0.0020
	09/19/23	< 0.0020	0.0036	0.053	< 0.0010	< 0.00020	< 0.0050	0.00051	0.31	< 0.00050	0.090	< 0.00020	0.66	3.41	< 0.0050	F1 0.017
	12/12/23	< 0.0030	0.0035	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	0.00059	0.074	< 0.00020	0.69	2.27	< 0.0025	< 0.0020
	03/11/24	^1+ < 0.0030	0.0039	0.052	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	0.0014	0.065	< 0.00020	0.62	3.8	< 0.0025	< 0.0020
	06/28/24	< 0.0030	0.0054	0.061	< 0.0010	< 0.00050	< 0.0050	0.0017	0.31	0.0011	0.078	< 0.00020	0.64	2.14	< 0.0025	< 0.0020
	09/03/24	< 0.0030	0.0023	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.093	< 0.00020	0.54	2.31	< 0.0025	< 0.0020
	12/03/24	< 0.0030	0.0020	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	< 0.00050	0.076	< 0.00020	0.43	2.55	< 0.0025	< 0.0020
	03/17/25	< 0.0030	0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.36	< 0.00050	0.066	< 0.00020	0.38	1.55	< 0.0025	< 0.0020
	06/10/25	< 0.0030	0.0041	0.063	< 0.0010	< 0.00050	< 0.0050	0.0012	0.26	0.00095	0.096	< 0.00020	0.55	1.74	< 0.0025	< 0.0020
	09/09/25	< 0.0030	0.0021	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.29	< 0.00050	0.11	< 0.00020	0.80	2.41	< 0.0025	< 0.0020
	12/09/25	< 0.0030	0.0029	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.11	< 0.00020	0.78	2.28	^1+ < 0.0025	< 0.0020

Notes: All units are in mg/L with the exception of Radium (pCi/L).
 ABD = Abandoned due to Vulcan Property mining expansion.
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.

F1 = MS and/or MSD Recovery outside of limits.
 F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits, High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

Table 7. Appendix IV Expanded Assessment Well Network Groundwater Analytical Results through 4th Quarter 2025.

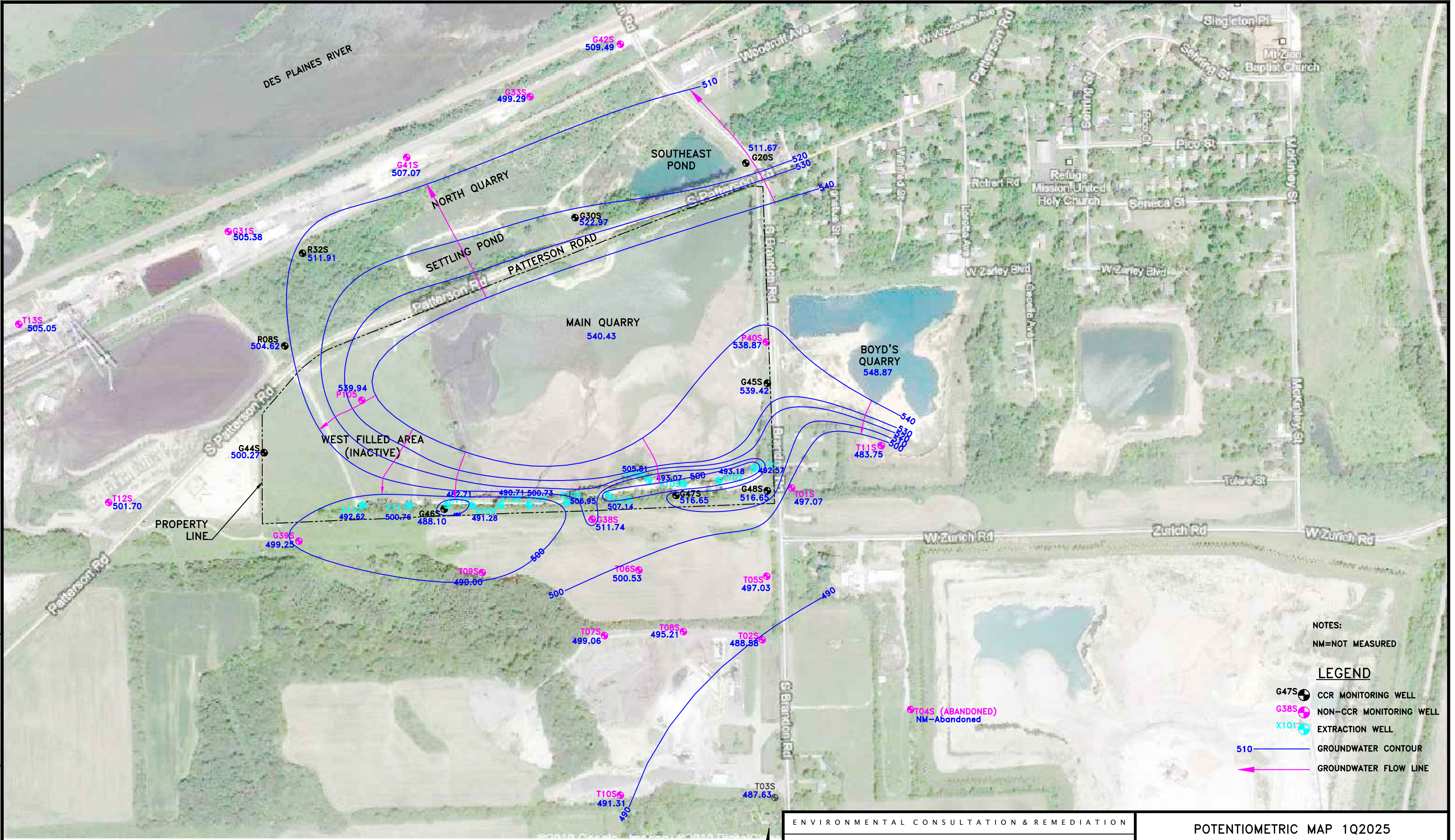
Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
GWPS		0.006	0.01	2.0	NC	0.005	0.1	0.006	4.0	0.015	0.041	NC	0.1	5.0	0.05	NC
T12S down-gradient	06/27/23	< 0.0030	0.0041	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	0.0022	0.15	< 0.00020	0.59	2.33	< 0.0025	< 0.0020
	09/12/23	< 0.0020	0.0047	0.057	< 0.0010	< 0.00020	< 0.0050	< 0.00050	0.19	< 0.00050	0.15	< 0.00020	0.67	1.38	< 0.0050	< 0.0010
	12/18/23	< 0.0030	0.034	0.098	< 0.0010	< 0.00050	< 0.0050	0.0023	0.14	0.0025	0.15	< 0.00020	0.53	3.68	< 0.0025	< 0.0020
	03/06/24	^1+ < 0.0030	0.013	0.066	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	0.00057	0.14	< 0.00020	0.40	1.07	< 0.0025	< 0.0020
	06/20/24	< 0.0030	0.18	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	0.0016	0.14	< 0.00020	0.46	3.90	< 0.0025	< 0.0020
	08/28/24	^1+ < 0.0030	0.066	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.15	0.00081	0.13	< 0.00020	0.31	1.94	< 0.0025	< 0.0020
	11/25/24	< 0.015	0.12	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.20	0.00056	0.13	< 0.00020	0.16	2.08	< 0.0025	< 0.0020
	03/20/25	< 0.0030	0.031	0.072	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.21	< 0.00050	0.098	< 0.00020	0.20	1.66	< 0.0025	< 0.0020
	06/19/25	< 0.0030	0.015	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.21	< 0.00050	0.17	< 0.00020	0.92	1.74	< 0.0025	< 0.0020
	09/12/25	< 0.0030	0.0084	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.16	< 0.00050	0.13	< 0.00020	0.36	2.17	< 0.0025	< 0.0020
	12/23/25	< 0.0030	0.030	0.075	< 0.0010	< 0.00050	< 0.0050	0.0011	0.15	0.00059	0.098	< 0.00020	0.17	2.08	< 0.0025	< 0.0020
T13S down-gradient	06/27/23	< 0.0030	0.0047	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.24	0.00053	0.021	< 0.00020	0.0057	0.735	< 0.0025	< 0.0020
	09/26/23	< 0.0020	0.0048	0.056	< 0.0010	< 0.00020	< 0.0050	< 0.00050	F1 0.20	< 0.00050	0.021	< 0.00020	0.0095	1.54	< 0.0050	F2 F1 0.012
	12/19/23	< 0.0030	0.0048	0.067	< 0.0010	< 0.00050	< 0.0050	0.0017	0.22	0.0017	0.027	< 0.00020	0.0065	1.65	< 0.0025	< 0.0020
	03/06/24	^1+ < 0.0030	0.0037	0.058	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	0.00050	0.022	< 0.00020	0.015	1.29	< 0.0025	< 0.0020
	06/20/24	< 0.0030	0.0026	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.021	< 0.00020	< 0.0050	1.43	< 0.0025	< 0.0020
	08/28/24	^1+ < 0.0030	0.0022	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.18	< 0.00050	0.023	< 0.00020	0.012	1.75	< 0.0025	< 0.0020
	11/22/24	< 0.0030	< 0.0010	0.0097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.23	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.32	< 0.0025	< 0.0020
	03/20/25	< 0.0030	0.0021	0.052	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.25	< 0.00050	0.025	< 0.00020	0.036	0.892	< 0.0025	< 0.0020
	06/16/25	< 0.0030	0.0021	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.25	< 0.00050	0.025	< 0.00020	0.019	0.818	< 0.0025	< 0.0020
	09/19/25	< 0.0030	0.0021	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.27	< 0.00050	0.024	< 0.00020	0.027	1.41	< 0.0025	< 0.0020
	12/23/25	< 0.0030	0.0021	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.26	< 0.00050	0.024	< 0.00020	0.028	0.938	< 0.0025	< 0.0020

Notes: All units are in mg/L, with the exception of Radium (pCi/L).
 ABD = Abandoned due to Vulcan Property mining expansion.
 B = Compound was found in blank and sample.
BOLD = Above GWPS.
 DNYA = Data Not Yet Available.
 GWPS = Groundwater Protection Standard.

F1 = MS and/or MSD Recovery outside of limits.
 F2 = MS and/or MSD RPD exceeds control limits.
 H = Sample prepped or analyzed past holding time.
 NA = Not Analyzed
 NC = Not calculated since not detected compound.
 V = Serial Dilution exceeds the control limits.

^5- = Linear Range Check (LRC) is outside acceptance limits, low biased
 ^+ = Continuing calibration verification outside limits. High bias.
 ^1+ = Initial verification calibration outside of limits, biased high.
 ^ = Denotes instrument related QC exceeds the control limits

ATTACHMENT 1
Groundwater Flow Contour Maps



NOTES:
NM=NOT MEASURED

LEGEND

- G47S CCR MONITORING WELL
- G38S NON-CCR MONITORING WELL
- X10+ EXTRACTION WELL
- 510 GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

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ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

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

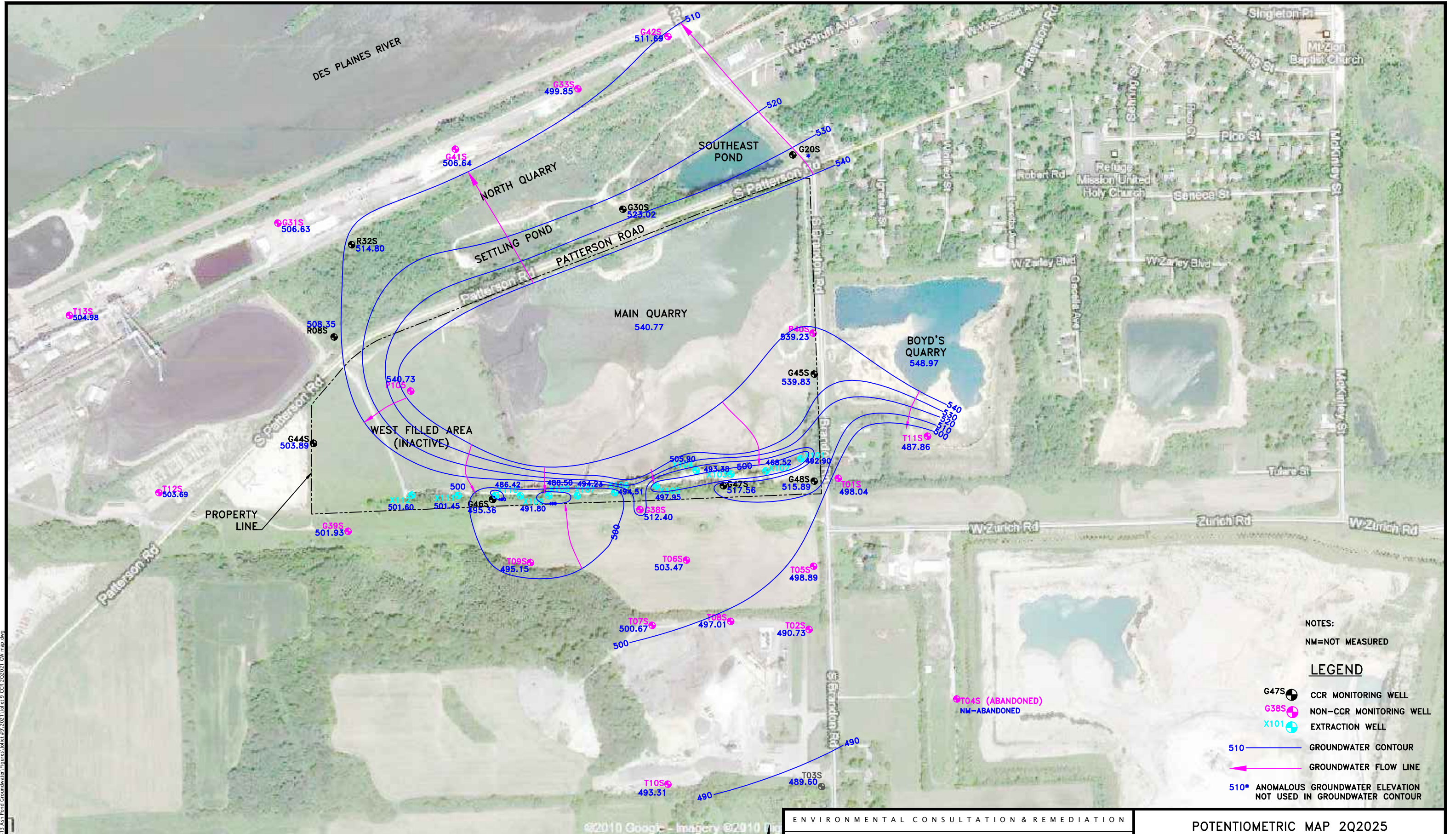
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

POTENTIOMETRIC MAP 1Q2025

LINCOLN STONE QUARRY
JOLIET, ILLINOIS

Scale: 1" = 450' Date: January 8, 2026

KPRG Project No. 11306 ATTACHMENT 1



NOTES:
NM=NOT MEASURED

LEGEND

- G47S CCR MONITORING WELL
- G38S NON-CCR MONITORING WELL
- X101 EXTRACTION WELL
- 510 GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE
- 510* ANOMALOUS GROUNDWATER ELEVATION NOT USED IN GROUNDWATER CONTOUR

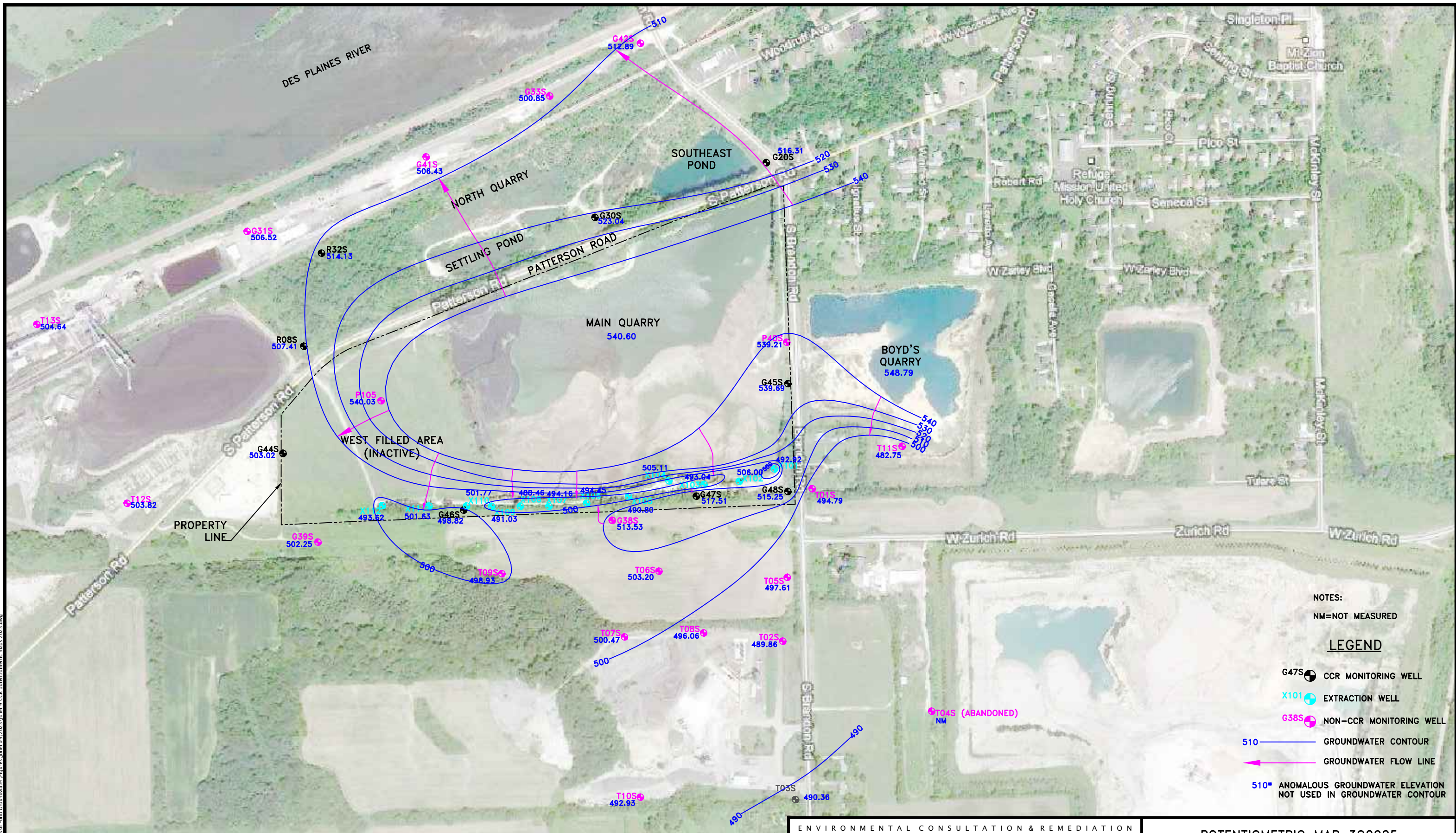
* - GROUNDWATER ELEVATION WAS ANOMALOUSLY LOW AND WAS NOT USED IN GROUNDWATER CONTOUR DETERMINATION



ENVIRONMENTAL CONSULTATION & REMEDIATION		POTENTIOMETRIC MAP 2Q2025	
K P R G KPRG and Associates, Inc. 14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478 414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593		LINCOLN STONE QUARRY JOLIET, ILLINOIS	
		Scale: 1" = 450'	Date: January 8, 2026
KPRG Project No. 11306		ATTACHMENT 1	

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NOTES:

NM=NOT MEASURED

LEGEND

G47S CCR MONITORING WELL

X101 EXTRACTION WELL

G38S NON-CCR MONITORING WELL

510 GROUNDWATER CONTOUR

GROUNDWATER FLOW LINE

510* ANOMALOUS GROUNDWATER ELEVATION
NOT USED IN GROUNDWATER CONTOUR

ENVIRONMENTAL CONSULTATION & REMEDIATION

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KPRG and Associates, inc.

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

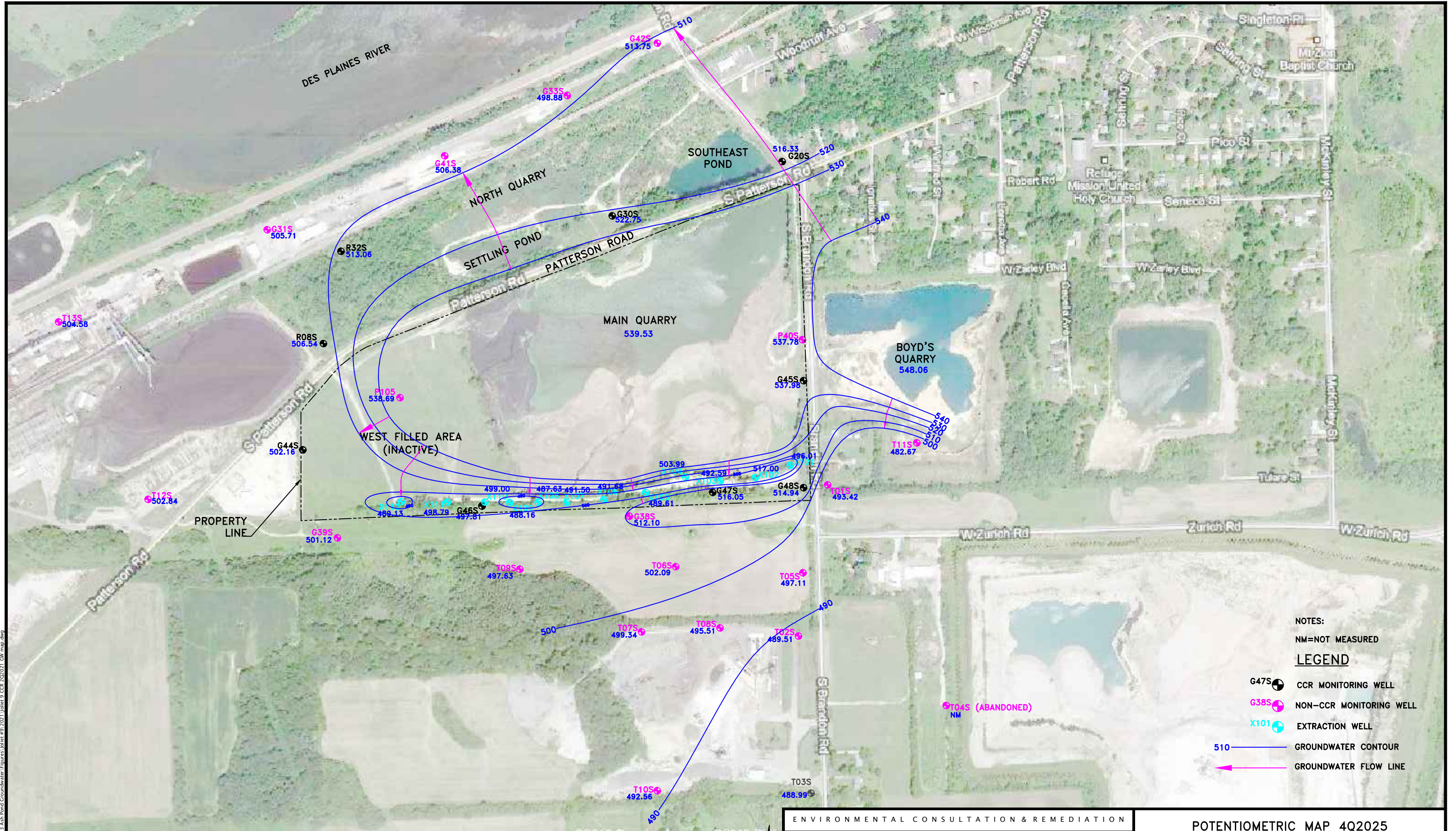
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

POTENTIOMETRIC MAP 3Q2025

LINCOLN STONE QUARRY
JOLIET, ILLINOIS

Scale: 1" = 450' Date: January 12, 2026

KPRG Project No. 21406.19 ATTACHMENT 1



NOTES:

NM=NOT MEASURED

LEGEND

- G47S CCR MONITORING WELL
- G38S NON-CCR MONITORING WELL
- X101 EXTRACTION WELL
- 510 GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

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0 450'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 4Q2025	
LINCOLN STONE QUARRY JOLIET, ILLINOIS	
Scale: 1" = 450'	Date: January 12, 2026
KPRG Project No. 21406.19	ATTACHMENT 1

ATTACHMENT 2
Analytical Data Packages

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/7/2025 1:55:06 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR

JOB NUMBER

500-265351-1

Eurofins Chicago

Job Notes

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

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

Authorization



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Authorized for release by
Diana Mockler, Project Manager I
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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Job ID: 500-265351-1

Eurofins Chicago

Job Narrative 500-265351-1

Receipt

The samples were received on 3/17/2025 4:00 PM, 3/18/2025 4:00 PM, 3/19/2025 3:25 PM, 3/20/2025 2:45 PM, 3/21/2025 3:56 PM, 3/24/2025 3:23 PM and 3/26/2025 3:45 PM. 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, 0.1°C, 0.6°C, 0.8°C, 1.5°C, 1.6°C, 1.9°C and 3.5°C.

Metals

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 500-811401 recovered above the upper control limit for Cobalt. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: T11S (500-265351-7), G31S (500-265351-8), G33S (500-265351-9), T13S (500-265351-10), T12S (500-265351-11), G30S (500-265351-12), G20S (500-265351-13), (LCS 500-811206/2-A) and (MB 500-811206/1-A).

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

General Chemistry

Method 2540C: The matrix spike (MS) recoveries for analytical batch 500-811074 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 4500_F_C: The results reported for the following sample do not concur with results previously reported for this site: T05S (500-265351-5). Reanalysis was performed, and the result(s) confirmed.

Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-811511 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_Cl_E: The matrix spike duplicate (MSD) recoveries for analytical batch 500-812712 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-811554 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 500-811554 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of sulfate in the MSD was above the instrument calibration range. The data have been reported and qualified.

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

Field Service / Mobile Lab

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-265351-1	T09S	Water	03/17/25 12:28	03/17/25 16:00
500-265351-2	T06S	Water	03/17/25 14:18	03/17/25 16:00
500-265351-3	T02S	Water	03/18/25 10:44	03/18/25 16:00
500-265351-4	T08S	Water	03/18/25 12:29	03/18/25 16:00
500-265351-5	T05S	Water	03/18/25 14:21	03/18/25 16:00
500-265351-6	T01S	Water	03/19/25 11:02	03/19/25 15:25
500-265351-7	T11S	Water	03/19/25 13:47	03/19/25 15:25
500-265351-8	G31S	Water	03/20/25 10:39	03/20/25 14:45
500-265351-9	G33S	Water	03/20/25 11:33	03/20/25 14:45
500-265351-10	T13S	Water	03/20/25 12:37	03/20/25 14:45
500-265351-11	T12S	Water	03/20/25 13:33	03/20/25 14:45
500-265351-12	G30S	Water	03/21/25 10:38	03/21/25 15:56
500-265351-13	G20S	Water	03/21/25 13:20	03/21/25 15:56
500-265351-14	R08S	Water	03/24/25 10:57	03/24/25 15:23
500-265351-15	G46S	Water	03/24/25 11:55	03/24/25 15:23
500-265351-16	T03S	Water	03/24/25 13:15	03/24/25 15:23
500-265351-17	R32S	Water	03/24/25 14:11	03/24/25 15:23
500-265351-18	G44S	Water	03/26/25 09:34	03/26/25 15:45
500-265351-19	G39S	Water	03/26/25 10:34	03/26/25 15:45
500-265351-20	G39S DUP	Water	03/26/25 10:34	03/26/25 15:45
500-265351-21	G45S	Water	03/26/25 11:38	03/26/25 15:45
500-265351-22	G48S	Water	03/26/25 13:25	03/26/25 15:45
500-265351-23	G47S	Water	03/26/25 14:43	03/26/25 15:45

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T09S

Lab Sample ID: 500-265351-1

Date Collected: 03/17/25 12:28

Matrix: Water

Date Received: 03/17/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/18/25 08:06	03/20/25 19:46	1
Arsenic	0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Barium	0.049		0.0025		mg/L		03/18/25 08:06	03/20/25 19:46	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Boron	3.2		0.050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Calcium	130		0.20		mg/L		03/18/25 08:06	03/20/25 19:46	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Lithium	0.066		0.010		mg/L		03/18/25 08:06	03/20/25 19:46	1
Molybdenum	0.38		0.0050		mg/L		03/18/25 08:06	03/20/25 19:46	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:46	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	820		10		mg/L			03/19/25 22:08	1
Chloride (SM 4500 Cl- E)	49		4.0		mg/L			03/20/25 18:38	2
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			03/19/25 14:35	1
Sulfate (SM 4500 SO4 E)	270		50		mg/L			03/23/25 16:04	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	110.22				ft			03/17/25 12:28	1
Depth to Water (ft from MP)	112.62				ft			03/17/25 12:28	1
Elevation of well (ft from MP)	603.49				ft			03/17/25 12:28	1
Field pH	7.66				SU			03/17/25 12:28	1
Field Temperature	51.1				Degrees F			03/17/25 12:28	1
Ground Water Elevation	490.87				ft			03/17/25 12:28	1
Specific Conductance	994				umhos/cm			03/17/25 12:28	1
Well bottom elevation	444.80				ft			03/17/25 12:28	1
Field Turbidity	43.0				NTU			03/17/25 12:28	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T06S

Lab Sample ID: 500-265351-2

Date Collected: 03/17/25 14:18

Matrix: Water

Date Received: 03/17/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/18/25 08:06	03/20/25 19:48	1
Arsenic	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Barium	0.036		0.0025		mg/L		03/18/25 08:06	03/20/25 19:48	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Boron	0.86		0.050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Calcium	98		0.20		mg/L		03/18/25 08:06	03/20/25 19:48	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Lithium	0.024		0.010		mg/L		03/18/25 08:06	03/20/25 19:48	1
Molybdenum	0.016		0.0050		mg/L		03/18/25 08:06	03/20/25 19:48	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:48	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	510		10		mg/L			03/19/25 22:11	1
Chloride (SM 4500 Cl- E)	15		2.0		mg/L			03/20/25 18:21	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			03/19/25 14:58	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			03/23/25 16:06	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.41				ft			03/17/25 14:18	1
Depth to Water (ft from MP)	118.71				ft			03/17/25 14:18	1
Elevation of well (ft from MP)	621.05				ft			03/17/25 14:18	1
Field pH	7.43				SU			03/17/25 14:18	1
Field Temperature	59.7				Degrees F			03/17/25 14:18	1
Ground Water Elevation	502.34				ft			03/17/25 14:18	1
Specific Conductance	711				umhos/cm			03/17/25 14:18	1
Well bottom elevation	447.94				ft			03/17/25 14:18	1
Field Turbidity	3.22				NTU			03/17/25 14:18	1

Eurofins Chicago

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T02S

Lab Sample ID: 500-265351-3

Date Collected: 03/18/25 10:44

Matrix: Water

Date Received: 03/18/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/19/25 08:08	03/20/25 18:18	1
Arsenic	0.0071		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Barium	0.16		0.0025		mg/L		03/19/25 08:08	03/20/25 18:18	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Boron	4.0		0.050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Calcium	99		0.20		mg/L		03/19/25 08:08	03/20/25 18:18	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Cobalt	0.0046		0.0010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Lead	0.0089		0.00050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Lithium	0.039		0.010		mg/L		03/19/25 08:08	03/20/25 18:18	1
Molybdenum	0.38		0.0050		mg/L		03/19/25 08:08	03/20/25 18:18	1
Selenium	0.0026		0.0025		mg/L		03/19/25 08:08	03/20/25 18:18	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 18:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			03/19/25 22:13	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			03/25/25 15:44	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			03/19/25 15:02	1
Sulfate (SM 4500 SO4 E)	360		100		mg/L			03/23/25 16:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.11				ft			03/18/25 10:44	1
Depth to Water (ft from MP)	137.44				ft			03/18/25 10:44	1
Elevation of well (ft from MP)	626.14				ft			03/18/25 10:44	1
Field pH	8.00				SU			03/18/25 10:44	1
Field Temperature	55.0				Degrees F			03/18/25 10:44	1
Ground Water Elevation	488.70				ft			03/18/25 10:44	1
Specific Conductance	1279				umhos/cm			03/18/25 10:44	1
Well bottom elevation	453.40				ft			03/18/25 10:44	1
Field Turbidity	105.0				NTU			03/18/25 10:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T08S

Lab Sample ID: 500-265351-4

Date Collected: 03/18/25 12:29

Matrix: Water

Date Received: 03/18/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/19/25 08:08	03/20/25 18:21	1
Arsenic	0.0076		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Barium	0.040		0.0025		mg/L		03/19/25 08:08	03/20/25 18:21	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Boron	7.6		0.050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Calcium	22		0.20		mg/L		03/19/25 08:08	03/20/25 18:21	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Lithium	0.057		0.010		mg/L		03/19/25 08:08	03/20/25 18:21	1
Molybdenum	0.72		0.0050		mg/L		03/19/25 08:08	03/20/25 18:21	1
Selenium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 18:21	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 18:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/19/25 22:16	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			03/20/25 18:38	2
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			03/19/25 15:06	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			03/23/25 15:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	130.07				ft			03/18/25 12:29	1
Depth to Water (ft from MP)	132.45				ft			03/18/25 12:29	1
Elevation of well (ft from MP)	627.43				ft			03/18/25 12:29	1
Field pH	8.56				SU			03/18/25 12:29	1
Field Temperature	66.9				Degrees F			03/18/25 12:29	1
Ground Water Elevation	494.98				ft			03/18/25 12:29	1
Specific Conductance	1138				umhos/cm			03/18/25 12:29	1
Well bottom elevation	447.38				ft			03/18/25 12:29	1
Field Turbidity	11.70				NTU			03/18/25 12:29	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T05S

Lab Sample ID: 500-265351-5

Date Collected: 03/18/25 14:21

Matrix: Water

Date Received: 03/18/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/19/25 08:08	03/20/25 18:25	1
Arsenic	0.13		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Barium	0.010		0.0025		mg/L		03/19/25 08:08	03/20/25 18:25	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Boron	12		0.050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Calcium	14		0.20		mg/L		03/19/25 08:08	03/20/25 18:25	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Lithium	0.022		0.010		mg/L		03/19/25 08:08	03/20/25 18:25	1
Molybdenum	1.1		0.0050		mg/L		03/19/25 08:08	03/20/25 18:25	1
Selenium	0.0046		0.0025		mg/L		03/19/25 08:08	03/20/25 18:25	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			03/19/25 22:52	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/25/25 15:44	5
Fluoride (SM 4500 F C)	1.8		0.10		mg/L			03/26/25 09:27	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			03/23/25 16:40	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.33				ft			03/18/25 14:21	1
Depth to Water (ft from MP)	125.73				ft			03/18/25 14:21	1
Elevation of well (ft from MP)	623.41				ft			03/18/25 14:21	1
Field pH	8.55				SU			03/18/25 14:21	1
Field Temperature	70.9				Degrees F			03/18/25 14:21	1
Ground Water Elevation	497.68				ft			03/18/25 14:21	1
Specific Conductance	2220				umhos/cm			03/18/25 14:21	1
Well bottom elevation	448.35				ft			03/18/25 14:21	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T01S

Lab Sample ID: 500-265351-6

Date Collected: 03/19/25 11:02

Matrix: Water

Date Received: 03/19/25 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:39	1
Arsenic	0.0047		0.0010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Barium	0.037		0.0025		mg/L		03/25/25 14:39	03/26/25 16:12	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Boron	3.9		0.050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Calcium	47		0.20		mg/L		03/25/25 14:39	03/27/25 11:39	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Cobalt	0.0014		0.0010		mg/L		03/25/25 14:39	03/27/25 11:39	1
Lead	0.00086		0.00050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Lithium	0.012		0.010		mg/L		03/25/25 14:39	03/26/25 16:12	1
Molybdenum	0.26		0.0050		mg/L		03/25/25 14:39	03/26/25 16:12	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:39	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			03/19/25 22:59	1
Chloride (SM 4500 Cl- E)	99	F1	10		mg/L			04/07/25 10:35	5
Fluoride (SM 4500 F C)	1.1		0.10		mg/L			03/26/25 09:33	1
Sulfate (SM 4500 SO4 E)	430		50		mg/L			03/23/25 15:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	122.17				ft			03/19/25 11:02	1
Depth to Water (ft from MP)	124.65				ft			03/19/25 11:02	1
Elevation of well (ft from MP)	621.83				ft			03/19/25 11:02	1
Field pH	7.85				SU			03/19/25 11:02	1
Field Temperature	58.3				Degrees F			03/19/25 11:02	1
Ground Water Elevation	497.18				ft			03/19/25 11:02	1
Specific Conductance	1354				umhos/cm			03/19/25 11:02	1
Well bottom elevation	451.46				ft			03/19/25 11:02	1
Field Turbidity	235.00				NTU			03/19/25 11:02	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T11S

Lab Sample ID: 500-265351-7

Date Collected: 03/19/25 13:47

Matrix: Water

Date Received: 03/19/25 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:41	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Barium	0.039		0.0025		mg/L		03/25/25 14:39	03/26/25 16:15	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Boron	0.19		0.050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Calcium	110		0.20		mg/L		03/25/25 14:39	03/27/25 11:41	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Lithium	0.020		0.010		mg/L		03/25/25 14:39	03/26/25 16:15	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:15	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:41	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 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		04/02/25 09:50	04/03/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	580		10		mg/L			03/19/25 23:05	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/20/25 18:41	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			03/26/25 09:48	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			03/23/25 15:59	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.35				ft			03/19/25 13:47	1
Depth to Water (ft from MP)	75.09				ft			03/19/25 13:47	1
Elevation of well (ft from MP)	559.40				ft			03/19/25 13:47	1
Field pH	7.60				SU			03/19/25 13:47	1
Field Temperature	51.6				Degrees F			03/19/25 13:47	1
Ground Water Elevation	484.31				ft			03/19/25 13:47	1
Specific Conductance	948				umhos/cm			03/19/25 13:47	1
Well bottom elevation	445.60				ft			03/19/25 13:47	1
Field Turbidity	50.10				NTU			03/19/25 13:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G31S

Lab Sample ID: 500-265351-8

Date Collected: 03/20/25 10:39

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:44	1
Arsenic	0.0023		0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Barium	0.039		0.0025		mg/L		03/25/25 14:39	03/26/25 16:17	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Boron	3.0		0.050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Calcium	150		0.20		mg/L		03/25/25 14:39	03/27/25 11:44	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Lithium	0.077		0.010		mg/L		03/25/25 14:39	03/26/25 16:17	1
Molybdenum	0.44		0.0050		mg/L		03/25/25 14:39	03/26/25 16:17	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:44	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 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		04/04/25 09:55	04/07/25 08:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/21/25 01:50	1
Chloride (SM 4500 Cl- E)	160		10		mg/L			03/23/25 13:40	5
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			03/26/25 09:52	1
Sulfate (SM 4500 SO4 E)	360		50		mg/L			03/23/25 16:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	25.76				ft			03/20/25 10:39	1
Depth to Water (ft from MP)	28.34				ft			03/20/25 10:39	1
Elevation of well (ft from MP)	535.67				ft			03/20/25 10:39	1
Field pH	7.33				SU			03/20/25 10:39	1
Field Temperature	54.3				Degrees F			03/20/25 10:39	1
Ground Water Elevation	507.33				ft			03/20/25 10:39	1
Specific Conductance	1500				umhos/cm			03/20/25 10:39	1
Well bottom elevation	453.36				ft			03/20/25 10:39	1
Field Turbidity	1.50				NTU			03/20/25 10:39	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G33S

Lab Sample ID: 500-265351-9

Date Collected: 03/20/25 11:33

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:46	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Barium	0.050		0.0025		mg/L		03/25/25 14:39	03/26/25 16:20	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Boron	0.89		0.050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Calcium	69		0.20		mg/L		03/25/25 14:39	03/27/25 11:46	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Lead	0.0014		0.00050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Lithium	0.033		0.010		mg/L		03/25/25 14:39	03/26/25 16:20	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:20	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:46	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 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		04/04/25 09:55	04/07/25 08:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			03/21/25 01:53	1
Chloride (SM 4500 Cl- E)	11		2.0		mg/L			03/23/25 13:16	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			03/26/25 09:57	1
Sulfate (SM 4500 SO4 E)	76		10		mg/L			03/23/25 16:28	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	34.09				ft			03/20/25 11:33	1
Depth to Water (ft from MP)	35.82				ft			03/20/25 11:33	1
Elevation of well (ft from MP)	535.67				ft			03/20/25 11:33	1
Field pH	7.82				SU			03/20/25 11:33	1
Field Temperature	56.1				Degrees F			03/20/25 11:33	1
Ground Water Elevation	499.85				ft			03/20/25 11:33	1
Specific Conductance	646				umhos/cm			03/20/25 11:33	1
Well bottom elevation	452.72				ft			03/20/25 11:33	1
Field Turbidity	33.60				NTU			03/20/25 11:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T13S

Lab Sample ID: 500-265351-10

Date Collected: 03/20/25 12:37

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:49	1
Arsenic	0.0021		0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Barium	0.052		0.0025		mg/L		03/25/25 14:39	03/26/25 16:22	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Boron	0.64		0.050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Calcium	120		0.20		mg/L		03/25/25 14:39	03/27/25 11:49	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Lithium	0.025		0.010		mg/L		03/25/25 14:39	03/26/25 16:22	1
Molybdenum	0.036		0.0050		mg/L		03/25/25 14:39	03/26/25 16:22	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:49	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	600		10		mg/L			03/21/25 01:55	1
Chloride (SM 4500 Cl- E)	44		2.0		mg/L			03/23/25 13:16	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			03/26/25 10:01	1
Sulfate (SM 4500 SO4 E)	180		50		mg/L			03/23/25 16:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	17.15				ft			03/20/25 12:37	1
Depth to Water (ft from MP)	19.91				ft			03/20/25 12:37	1
Elevation of well (ft from MP)	525.33				ft			03/20/25 12:37	1
Field pH	7.55				SU			03/20/25 12:37	1
Field Temperature	55.6				Degrees F			03/20/25 12:37	1
Ground Water Elevation	505.42				ft			03/20/25 12:37	1
Specific Conductance	954				umhos/cm			03/20/25 12:37	1
Well bottom elevation	452.21				ft			03/20/25 12:37	1
Field Turbidity	5.06				NTU			03/20/25 12:37	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T12S

Lab Sample ID: 500-265351-11

Date Collected: 03/20/25 13:33

Matrix: Water

Date Received: 03/20/25 14:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/27/25 11:51	1
Arsenic	0.031		0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Barium	0.072		0.0025		mg/L		03/25/25 14:39	03/26/25 16:24	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Boron	3.4		0.050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Calcium	120		0.20		mg/L		03/25/25 14:39	03/27/25 11:51	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Lithium	0.098		0.010		mg/L		03/25/25 14:39	03/26/25 16:24	1
Molybdenum	0.20		0.0050		mg/L		03/25/25 14:39	03/26/25 16:24	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:51	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	640		10		mg/L			03/21/25 01:58	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			03/23/25 13:40	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			03/26/25 10:16	1
Sulfate (SM 4500 SO4 E)	190		50		mg/L			03/23/25 16:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	71.00				ft			03/20/25 13:33	1
Depth to Water (ft from MP)	73.74				ft			03/20/25 13:33	1
Elevation of well (ft from MP)	578.73				ft			03/20/25 13:33	1
Field pH	7.41				SU			03/20/25 13:33	1
Field Temperature	54.0				Degrees F			03/20/25 13:33	1
Ground Water Elevation	504.99				ft			03/20/25 13:33	1
Specific Conductance	921				umhos/cm			03/20/25 13:33	1
Well bottom elevation	452.24				ft			03/20/25 13:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G30S

Lab Sample ID: 500-265351-12

Date Collected: 03/21/25 10:38

Matrix: Water

Date Received: 03/21/25 15:56

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		03/25/25 14:39	03/27/25 11:58	1
Arsenic	0.0020		0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Barium	0.050		0.0025		mg/L		03/25/25 14:39	03/26/25 16:27	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Boron	5.1		0.050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Calcium	70		0.20		mg/L		03/25/25 14:39	03/27/25 11:58	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Lithium	0.024		0.010		mg/L		03/25/25 14:39	03/26/25 16:27	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:27	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:58	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 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		04/04/25 09:55	04/07/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			03/24/25 00:50	1
Chloride (SM 4500 Cl- E)	200		10		mg/L			03/23/25 13:41	5
Fluoride (SM 4500 F C)	0.87		0.10		mg/L			03/26/25 10:20	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			03/23/25 16:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.62				ft			03/21/25 10:38	1
Depth to Water (ft from MP)	1.69				ft			03/21/25 10:38	1
Elevation of well (ft from MP)	524.78				ft			03/21/25 10:38	1
Field pH	7.35				SU			03/21/25 10:38	1
Field Temperature	48.0				Degrees F			03/21/25 10:38	1
Ground Water Elevation	523.09				ft			03/21/25 10:38	1
Specific Conductance	1930				umhos/cm			03/21/25 10:38	1
Well bottom elevation	462.58				ft			03/21/25 10:38	1
Field Turbidity	0.72				NTU			03/21/25 10:38	1

Eurofins Chicago

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G20S

Lab Sample ID: 500-265351-13

Date Collected: 03/21/25 13:20

Matrix: Water

Date Received: 03/21/25 15:56

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		03/25/25 14:39	03/27/25 12:10	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Barium	0.047		0.0025		mg/L		03/25/25 14:39	03/26/25 16:34	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Boron	1.2		0.050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Calcium	60		0.20		mg/L		03/25/25 14:39	03/27/25 12:10	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Lithium	0.040		0.010		mg/L		03/25/25 14:39	03/26/25 16:34	1
Molybdenum	0.018		0.0050		mg/L		03/25/25 14:39	03/26/25 16:34	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 12:10	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	390		10		mg/L			03/24/25 00:58	1
Chloride (SM 4500 Cl- E)	16		2.0		mg/L			03/23/25 13:17	1
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			03/26/25 10:24	1
Sulfate (SM 4500 SO4 E)	65		10		mg/L			03/23/25 16:29	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	66.15				ft			03/21/25 13:20	1
Depth to Water (ft from MP)	68.93				ft			03/21/25 13:20	1
Elevation of well (ft from MP)	580.79				ft			03/21/25 13:20	1
Field pH	7.48				SU			03/21/25 13:20	1
Field Temperature	57.4				Degrees F			03/21/25 13:20	1
Ground Water Elevation	511.86				ft			03/21/25 13:20	1
Specific Conductance	694				umhos/cm			03/21/25 13:20	1
Well bottom elevation	442.28				ft			03/21/25 13:20	1
Field Turbidity	2.39				NTU			03/21/25 13:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: R08S

Lab Sample ID: 500-265351-14

Date Collected: 03/24/25 10:57

Matrix: Water

Date Received: 03/24/25 15:23

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		03/25/25 14:56	03/26/25 17:20	1
Arsenic	0.0014		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Barium	0.053		0.0025		mg/L		03/25/25 14:56	03/26/25 17:20	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Boron	6.1		0.050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Calcium	140		0.20		mg/L		03/25/25 14:56	03/26/25 17:20	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Lithium	0.11		0.010		mg/L		03/25/25 14:56	03/26/25 17:20	1
Molybdenum	0.24		0.0050		mg/L		03/25/25 14:56	03/26/25 17:20	1
Selenium	0.0084		0.0025		mg/L		03/25/25 14:56	03/27/25 12:16	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	760	F1	10		mg/L			03/24/25 23:15	1
Chloride (SM 4500 Cl- E)	64		4.0		mg/L			03/25/25 15:45	2
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			03/26/25 10:29	1
Sulfate (SM 4500 SO4 E)	320		50		mg/L			03/27/25 13:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	67.90				ft			03/24/25 10:57	1
Depth to Water (ft from MP)	70.45				ft			03/24/25 10:57	1
Elevation of well (ft from MP)	578.64				ft			03/24/25 10:57	1
Field pH	7.79				SU			03/24/25 10:57	1
Field Temperature	53.1				Degrees F			03/24/25 10:57	1
Ground Water Elevation	508.19				ft			03/24/25 10:57	1
Specific Conductance	999				umhos/cm			03/24/25 10:57	1
Well bottom elevation	453.08				ft			03/24/25 10:57	1
Field Turbidity	0.52				NTU			03/24/25 10:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G46S

Lab Sample ID: 500-265351-15

Date Collected: 03/24/25 11:55

Matrix: Water

Date Received: 03/24/25 15:23

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		03/25/25 14:56	03/26/25 17:05	1
Arsenic	0.10		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Barium	0.048		0.0025		mg/L		03/25/25 14:56	03/26/25 17:05	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Boron	9.5		0.050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Calcium	120		0.20		mg/L		03/25/25 14:56	03/26/25 17:05	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Lithium	0.21		0.010		mg/L		03/25/25 14:56	03/26/25 17:05	1
Molybdenum	1.0		0.0050		mg/L		03/25/25 14:56	03/26/25 17:05	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:06	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			03/24/25 23:23	1
Chloride (SM 4500 Cl- E)	61		4.0		mg/L			03/25/25 15:45	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			03/26/25 10:33	1
Sulfate (SM 4500 SO4 E)	490		50		mg/L			03/27/25 13:59	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	107.64				ft			03/24/25 11:55	1
Depth to Water (ft from MP)	110.34				ft			03/24/25 11:55	1
Elevation of well (ft from MP)	601.32				ft			03/24/25 11:55	1
Field pH	7.46				SU			03/24/25 11:55	1
Field Temperature	55.2				Degrees F			03/24/25 11:55	1
Ground Water Elevation	490.98				ft			03/24/25 11:55	1
Specific Conductance	1255				umhos/cm			03/24/25 11:55	1
Well bottom elevation	453.62				ft			03/24/25 11:55	1
Field Turbidity	41.90				NTU			03/24/25 11:55	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T03S

Lab Sample ID: 500-265351-16

Date Collected: 03/24/25 13:15

Matrix: Water

Date Received: 03/24/25 15:23

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		03/25/25 14:56	03/26/25 17:32	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Barium	0.065		0.0025		mg/L		03/25/25 14:56	03/26/25 17:32	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Boron	0.52		0.050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Calcium	120		0.20		mg/L		03/25/25 14:56	03/26/25 17:32	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Lithium	0.020		0.010		mg/L		03/25/25 14:56	03/26/25 17:32	1
Molybdenum	0.034		0.0050		mg/L		03/25/25 14:56	03/26/25 17:32	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:30	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	910		10		mg/L			03/24/25 23:26	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			03/25/25 15:45	5
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			03/26/25 10:38	1
Sulfate (SM 4500 SO4 E)	190		25		mg/L			03/27/25 13:10	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	137.71				ft			03/24/25 13:15	1
Depth to Water (ft from MP)	140.79				ft			03/24/25 13:15	1
Elevation of well (ft from MP)	629.73				ft			03/24/25 13:15	1
Field pH	7.36				SU			03/24/25 13:15	1
Field Temperature	52.3				Degrees F			03/24/25 13:15	1
Ground Water Elevation	488.94				ft			03/24/25 13:15	1
Specific Conductance	1163				umhos/cm			03/24/25 13:15	1
Well bottom elevation	456.70				ft			03/24/25 13:15	1
Field Turbidity	0.64				NTU			03/24/25 13:15	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: R32S

Lab Sample ID: 500-265351-17

Date Collected: 03/24/25 14:11

Matrix: Water

Date Received: 03/24/25 15:23

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		03/25/25 14:56	03/26/25 17:15	1
Arsenic	0.0019		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Barium	0.029		0.0025		mg/L		03/25/25 14:56	03/26/25 17:15	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Boron	3.2		0.050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Calcium	110		0.20		mg/L		03/25/25 14:56	03/26/25 17:15	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Lithium	0.081		0.010		mg/L		03/25/25 14:56	03/26/25 17:15	1
Molybdenum	0.39		0.0050		mg/L		03/25/25 14:56	03/26/25 17:15	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 12:13	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 17:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			03/24/25 23:29	1
Chloride (SM 4500 Cl- E)	40		2.0		mg/L			03/25/25 15:31	1
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			03/26/25 10:42	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	20.17				ft			03/24/25 14:11	1
Depth to Water (ft from MP)	22.20				ft			03/24/25 14:11	1
Elevation of well (ft from MP)	514.84				ft			03/24/25 14:11	1
Field pH	7.53				SU			03/24/25 14:11	1
Field Temperature	52.5				Degrees F			03/24/25 14:11	1
Ground Water Elevation	514.84				ft			03/24/25 14:11	1
Specific Conductance	864				umhos/cm			03/24/25 14:11	1
Well bottom elevation	457.84				ft			03/24/25 14:11	1
Field Turbidity	1.20				NTU			03/24/25 14:11	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G44S

Lab Sample ID: 500-265351-18

Date Collected: 03/26/25 09:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:03	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Barium	0.068		0.0025		mg/L		03/27/25 16:42	03/28/25 18:03	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Boron	1.7		0.050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Calcium	130		0.20		mg/L		03/27/25 16:42	03/28/25 18:03	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Lithium	0.023		0.010		mg/L		03/27/25 16:42	03/28/25 18:03	1
Molybdenum	0.20		0.0050		mg/L		03/27/25 16:42	03/28/25 18:03	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:03	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			03/28/25 10:27	1
Chloride (SM 4500 Cl- E)	57	F1	4.0		mg/L			03/27/25 10:25	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			04/02/25 15:03	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			03/27/25 13:10	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	80.93				ft			03/26/25 09:34	1
Depth to Water (ft from MP)	83.11				ft			03/26/25 09:34	1
Elevation of well (ft from MP)	586.62				ft			03/26/25 09:34	1
Field pH	7.13				SU			03/26/25 09:34	1
Field Temperature	52.0				Degrees F			03/26/25 09:34	1
Ground Water Elevation	503.51				ft			03/26/25 09:34	1
Specific Conductance	1043				umhos/cm			03/26/25 09:34	1
Well bottom elevation	455.11				ft			03/26/25 09:34	1
Field Turbidity	2.07				NTU			03/26/25 09:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G39S

Lab Sample ID: 500-265351-19

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:05	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Barium	0.050		0.0025		mg/L		03/27/25 16:42	03/28/25 18:05	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Boron	0.73		0.050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Calcium	110		0.20		mg/L		03/27/25 16:42	03/28/25 18:05	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Lead	0.0011		0.00050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Lithium	0.019		0.010		mg/L		03/27/25 16:42	03/28/25 18:05	1
Molybdenum	0.016		0.0050		mg/L		03/27/25 16:42	03/28/25 18:05	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:05	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	650		10		mg/L			03/28/25 10:34	1
Chloride (SM 4500 Cl- E)	36		2.0		mg/L			03/27/25 09:59	1
Fluoride (SM 4500 F C)	0.20		0.10		mg/L			04/02/25 15:07	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/27/25 13:59	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.68				ft			03/26/25 10:34	1
Depth to Water (ft from MP)	97.76				ft			03/26/25 10:34	1
Elevation of well (ft from MP)	598.74				ft			03/26/25 10:34	1
Field pH	7.13				SU			03/26/25 10:34	1
Field Temperature	51.8				Degrees F			03/26/25 10:34	1
Ground Water Elevation	500.98				ft			03/26/25 10:34	1
Specific Conductance	829				umhos/cm			03/26/25 10:34	1
Well bottom elevation	454.15				ft			03/26/25 10:34	1
Field Turbidity	1.34				NTU			03/26/25 10:34	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:08	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Barium	0.045		0.0025		mg/L		03/27/25 16:42	03/28/25 18:08	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Boron	0.66		0.050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Calcium	110		0.20		mg/L		03/27/25 16:42	03/28/25 18:08	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Lead	0.0013		0.00050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Lithium	0.018		0.010		mg/L		03/27/25 16:42	03/28/25 18:08	1
Molybdenum	0.014		0.0050		mg/L		03/27/25 16:42	03/28/25 18:08	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:08	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	650		10		mg/L			03/28/25 10:36	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			03/27/25 09:59	1
Fluoride (SM 4500 F C)	0.19		0.10		mg/L			04/02/25 15:20	1
Sulfate (SM 4500 SO4 E)	140		25		mg/L			03/27/25 13:09	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.68				ft			03/26/25 10:34	1
Depth to Water (ft from MP)	97.76				ft			03/26/25 10:34	1
Elevation of well (ft from MP)	598.74				ft			03/26/25 10:34	1
Field pH	7.13				SU			03/26/25 10:34	1
Field Temperature	51.8				Degrees F			03/26/25 10:34	1
Ground Water Elevation	500.98				ft			03/26/25 10:34	1
Specific Conductance	829				umhos/cm			03/26/25 10:34	1
Well bottom elevation	454.15				ft			03/26/25 10:34	1
Field Turbidity	1.34				NTU			03/26/25 10:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:10	1
Arsenic	0.0088		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Barium	0.038		0.0025		mg/L		03/27/25 16:42	03/28/25 18:10	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Boron	0.38		0.050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Calcium	92		0.20		mg/L		03/27/25 16:42	03/28/25 18:10	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Lithium	0.026		0.010		mg/L		03/27/25 16:42	03/28/25 18:10	1
Molybdenum	0.012		0.0050		mg/L		03/27/25 16:42	03/28/25 18:10	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:10	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			03/28/25 10:39	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			03/27/25 10:25	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			04/02/25 15:25	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			03/27/25 13:09	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	61.21				ft			03/26/25 11:38	1
Depth to Water (ft from MP)	64.18				ft			03/26/25 11:38	1
Elevation of well (ft from MP)	603.81				ft			03/26/25 11:38	1
Field pH	7.41				SU			03/26/25 11:38	1
Field Temperature	56.8				Degrees F			03/26/25 11:38	1
Ground Water Elevation	539.63				ft			03/26/25 11:38	1
Specific Conductance	921				umhos/cm			03/26/25 11:38	1
Well bottom elevation	471.05				ft			03/26/25 11:38	1
Field Turbidity	0.61				NTU			03/26/25 11:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:12	1
Arsenic	0.0072		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Barium	0.022		0.0025		mg/L		03/27/25 16:42	03/28/25 18:12	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Boron	5.2		0.050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Calcium	39		0.20		mg/L		03/27/25 16:42	03/28/25 18:12	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Lithium	0.022		0.010		mg/L		03/27/25 16:42	03/28/25 18:12	1
Molybdenum	0.41		0.0050		mg/L		03/27/25 16:42	03/28/25 18:12	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 18:12	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	950		10		mg/L			03/28/25 10:41	1
Chloride (SM 4500 Cl- E)	96		10		mg/L			03/27/25 10:24	5
Fluoride (SM 4500 F C)	0.96		0.10		mg/L			04/02/25 15:29	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	101.00				ft			03/26/25 13:25	1
Depth to Water (ft from MP)	103.45				ft			03/26/25 13:25	1
Elevation of well (ft from MP)	620.73				ft			03/26/25 13:25	1
Field pH	7.74				SU			03/26/25 13:25	1
Field Temperature	56.1				Degrees F			03/26/25 13:25	1
Ground Water Elevation	517.28				ft			03/26/25 13:25	1
Specific Conductance	1510				umhos/cm			03/26/25 13:25	1
Well bottom elevation	468.32				ft			03/26/25 13:25	1
Field Turbidity	0.83				NTU			03/26/25 13:25	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 18:25	1
Arsenic	0.028		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Barium	0.013		0.0025		mg/L		03/27/25 16:42	03/28/25 18:25	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Boron	6.0		0.050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Calcium	11		0.20		mg/L		03/27/25 16:42	03/28/25 18:25	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Lithium	0.052		0.010		mg/L		03/27/25 16:42	03/28/25 18:25	1
Molybdenum	0.48		0.0050		mg/L		03/27/25 16:42	03/28/25 18:25	1
Selenium	0.0027		0.0025		mg/L		03/27/25 16:42	03/28/25 18:25	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			03/28/25 10:43	1
Chloride (SM 4500 Cl- E)	83		4.0		mg/L			03/27/25 10:24	2
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			04/02/25 15:32	1
Sulfate (SM 4500 SO4 E)	440		50		mg/L			03/27/25 13:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.36				ft			03/26/25 14:43	1
Depth to Water (ft from MP)	94.86				ft			03/26/25 14:43	1
Elevation of well (ft from MP)	612.16				ft			03/26/25 14:43	1
Field pH	7.89				SU			03/26/25 14:43	1
Field Temperature	54.7				Degrees F			03/26/25 14:43	1
Ground Water Elevation	517.30				ft			03/26/25 14:43	1
Specific Conductance	1430				umhos/cm			03/26/25 14:43	1
Well bottom elevation	459.84				ft			03/26/25 14:43	1
Field Turbidity	0.38				NTU			03/26/25 14:43	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

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

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Metals

Prep Batch: 810213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total Recoverable	Water	3005A	
500-265351-2	T06S	Total Recoverable	Water	3005A	
MB 500-810213/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-810213/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 810386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total Recoverable	Water	3005A	
500-265351-4	T08S	Total Recoverable	Water	3005A	
500-265351-5	T05S	Total Recoverable	Water	3005A	
MB 500-810386/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-810386/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 810733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total Recoverable	Water	6020B	810213
500-265351-2	T06S	Total Recoverable	Water	6020B	810213
500-265351-3	T02S	Total Recoverable	Water	6020B	810386
500-265351-4	T08S	Total Recoverable	Water	6020B	810386
500-265351-5	T05S	Total Recoverable	Water	6020B	810386
MB 500-810213/1-A	Method Blank	Total Recoverable	Water	6020B	810213
MB 500-810386/1-A	Method Blank	Total Recoverable	Water	6020B	810386
LCS 500-810213/2-A	Lab Control Sample	Total Recoverable	Water	6020B	810213
LCS 500-810386/2-A	Lab Control Sample	Total Recoverable	Water	6020B	810386

Prep Batch: 811206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	3005A	
500-265351-7	T11S	Total Recoverable	Water	3005A	
500-265351-8	G31S	Total Recoverable	Water	3005A	
500-265351-9	G33S	Total Recoverable	Water	3005A	
500-265351-10	T13S	Total Recoverable	Water	3005A	
500-265351-11	T12S	Total Recoverable	Water	3005A	
500-265351-12	G30S	Total Recoverable	Water	3005A	
500-265351-13	G20S	Total Recoverable	Water	3005A	
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 811211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	3005A	
500-265351-15	G46S	Total Recoverable	Water	3005A	
500-265351-16	T03S	Total Recoverable	Water	3005A	
500-265351-17	R32S	Total Recoverable	Water	3005A	
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 811400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	6020B	811211
500-265351-15	G46S	Total Recoverable	Water	6020B	811211

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Metals (Continued)

Analysis Batch: 811400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-16	T03S	Total Recoverable	Water	6020B	811211
500-265351-17	R32S	Total Recoverable	Water	6020B	811211
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	6020B	811211
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811211

Analysis Batch: 811401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	6020B	811206
500-265351-7	T11S	Total Recoverable	Water	6020B	811206
500-265351-8	G31S	Total Recoverable	Water	6020B	811206
500-265351-9	G33S	Total Recoverable	Water	6020B	811206
500-265351-10	T13S	Total Recoverable	Water	6020B	811206
500-265351-11	T12S	Total Recoverable	Water	6020B	811206
500-265351-12	G30S	Total Recoverable	Water	6020B	811206
500-265351-13	G20S	Total Recoverable	Water	6020B	811206
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	6020B	811206
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811206

Analysis Batch: 811548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total Recoverable	Water	6020B	811206
500-265351-7	T11S	Total Recoverable	Water	6020B	811206
500-265351-8	G31S	Total Recoverable	Water	6020B	811206
500-265351-9	G33S	Total Recoverable	Water	6020B	811206
500-265351-10	T13S	Total Recoverable	Water	6020B	811206
500-265351-11	T12S	Total Recoverable	Water	6020B	811206
500-265351-12	G30S	Total Recoverable	Water	6020B	811206
500-265351-13	G20S	Total Recoverable	Water	6020B	811206
MB 500-811206/1-A	Method Blank	Total Recoverable	Water	6020B	811206
LCS 500-811206/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811206

Analysis Batch: 811549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total Recoverable	Water	6020B	811211
500-265351-15	G46S	Total Recoverable	Water	6020B	811211
500-265351-16	T03S	Total Recoverable	Water	6020B	811211
500-265351-17	R32S	Total Recoverable	Water	6020B	811211
MB 500-811211/1-A	Method Blank	Total Recoverable	Water	6020B	811211
LCS 500-811211/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811211

Prep Batch: 811562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total Recoverable	Water	3005A	
500-265351-19	G39S	Total Recoverable	Water	3005A	
500-265351-20	G39S DUP	Total Recoverable	Water	3005A	
500-265351-21	G45S	Total Recoverable	Water	3005A	
500-265351-22	G48S	Total Recoverable	Water	3005A	
500-265351-23	G47S	Total Recoverable	Water	3005A	
MB 500-811562/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-811562/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Metals

Analysis Batch: 811784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total Recoverable	Water	6020B	811562
500-265351-19	G39S	Total Recoverable	Water	6020B	811562
500-265351-20	G39S DUP	Total Recoverable	Water	6020B	811562
500-265351-21	G45S	Total Recoverable	Water	6020B	811562
500-265351-22	G48S	Total Recoverable	Water	6020B	811562
500-265351-23	G47S	Total Recoverable	Water	6020B	811562
MB 500-811562/1-A	Method Blank	Total Recoverable	Water	6020B	811562
LCS 500-811562/2-A	Lab Control Sample	Total Recoverable	Water	6020B	811562

Prep Batch: 812139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	7470A	
500-265351-2	T06S	Total/NA	Water	7470A	
500-265351-3	T02S	Total/NA	Water	7470A	
500-265351-4	T08S	Total/NA	Water	7470A	
500-265351-5	T05S	Total/NA	Water	7470A	
500-265351-6	T01S	Total/NA	Water	7470A	
500-265351-7	T11S	Total/NA	Water	7470A	
MB 500-812139/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-812139/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 812354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	7470A	812139
500-265351-2	T06S	Total/NA	Water	7470A	812139
500-265351-3	T02S	Total/NA	Water	7470A	812139
500-265351-4	T08S	Total/NA	Water	7470A	812139
500-265351-5	T05S	Total/NA	Water	7470A	812139
500-265351-6	T01S	Total/NA	Water	7470A	812139
500-265351-7	T11S	Total/NA	Water	7470A	812139
MB 500-812139/12-A	Method Blank	Total/NA	Water	7470A	812139
LCS 500-812139/13-A	Lab Control Sample	Total/NA	Water	7470A	812139

Prep Batch: 812513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	7470A	
500-265351-9	G33S	Total/NA	Water	7470A	
500-265351-10	T13S	Total/NA	Water	7470A	
500-265351-11	T12S	Total/NA	Water	7470A	
500-265351-12	G30S	Total/NA	Water	7470A	
500-265351-13	G20S	Total/NA	Water	7470A	
500-265351-14	R08S	Total/NA	Water	7470A	
500-265351-15	G46S	Total/NA	Water	7470A	
500-265351-16	T03S	Total/NA	Water	7470A	
500-265351-17	R32S	Total/NA	Water	7470A	
500-265351-18	G44S	Total/NA	Water	7470A	
500-265351-19	G39S	Total/NA	Water	7470A	
500-265351-20	G39S DUP	Total/NA	Water	7470A	
500-265351-21	G45S	Total/NA	Water	7470A	
500-265351-22	G48S	Total/NA	Water	7470A	
500-265351-23	G47S	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Metals (Continued)

Prep Batch: 812513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-812513/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-812513/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-265351-16 MS	T03S	Total/NA	Water	7470A	
500-265351-16 MSD	T03S	Total/NA	Water	7470A	
500-265351-16 DU	T03S	Total/NA	Water	7470A	

Analysis Batch: 812724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	7470A	812513
500-265351-9	G33S	Total/NA	Water	7470A	812513
500-265351-10	T13S	Total/NA	Water	7470A	812513
500-265351-11	T12S	Total/NA	Water	7470A	812513
500-265351-12	G30S	Total/NA	Water	7470A	812513
500-265351-13	G20S	Total/NA	Water	7470A	812513
500-265351-14	R08S	Total/NA	Water	7470A	812513
500-265351-15	G46S	Total/NA	Water	7470A	812513
500-265351-16	T03S	Total/NA	Water	7470A	812513
500-265351-17	R32S	Total/NA	Water	7470A	812513
500-265351-18	G44S	Total/NA	Water	7470A	812513
500-265351-19	G39S	Total/NA	Water	7470A	812513
500-265351-20	G39S DUP	Total/NA	Water	7470A	812513
500-265351-21	G45S	Total/NA	Water	7470A	812513
500-265351-22	G48S	Total/NA	Water	7470A	812513
500-265351-23	G47S	Total/NA	Water	7470A	812513
MB 500-812513/12-A	Method Blank	Total/NA	Water	7470A	812513
LCS 500-812513/13-A	Lab Control Sample	Total/NA	Water	7470A	812513
500-265351-16 MS	T03S	Total/NA	Water	7470A	812513
500-265351-16 MSD	T03S	Total/NA	Water	7470A	812513
500-265351-16 DU	T03S	Total/NA	Water	7470A	812513

General Chemistry

Analysis Batch: 810513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 F C	
500-265351-2	T06S	Total/NA	Water	SM 4500 F C	
500-265351-3	T02S	Total/NA	Water	SM 4500 F C	
500-265351-4	T08S	Total/NA	Water	SM 4500 F C	
MB 500-810513/10	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-810513/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-265351-1 MS	T09S	Total/NA	Water	SM 4500 F C	
500-265351-1 MSD	T09S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 810529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 2540C	
500-265351-2	T06S	Total/NA	Water	SM 2540C	
500-265351-3	T02S	Total/NA	Water	SM 2540C	
500-265351-4	T08S	Total/NA	Water	SM 2540C	
MB 500-810529/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810529/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

General Chemistry

Analysis Batch: 810530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-5	T05S	Total/NA	Water	SM 2540C	
500-265351-6	T01S	Total/NA	Water	SM 2540C	
500-265351-7	T11S	Total/NA	Water	SM 2540C	
MB 500-810530/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810530/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-5 MS	T05S	Total/NA	Water	SM 2540C	
500-265351-5 DU	T05S	Total/NA	Water	SM 2540C	
500-265351-6 DU	T01S	Total/NA	Water	SM 2540C	

Analysis Batch: 810700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 Cl- E	
500-265351-2	T06S	Total/NA	Water	SM 4500 Cl- E	
500-265351-4	T08S	Total/NA	Water	SM 4500 Cl- E	
500-265351-7	T11S	Total/NA	Water	SM 4500 Cl- E	
MB 500-810700/52	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-810700/53	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 810707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	SM 2540C	
500-265351-9	G33S	Total/NA	Water	SM 2540C	
500-265351-10	T13S	Total/NA	Water	SM 2540C	
500-265351-11	T12S	Total/NA	Water	SM 2540C	
MB 500-810707/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810707/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 810910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-8	G31S	Total/NA	Water	SM 4500 Cl- E	
500-265351-9	G33S	Total/NA	Water	SM 4500 Cl- E	
500-265351-10	T13S	Total/NA	Water	SM 4500 Cl- E	
500-265351-11	T12S	Total/NA	Water	SM 4500 Cl- E	
500-265351-12	G30S	Total/NA	Water	SM 4500 Cl- E	
500-265351-13	G20S	Total/NA	Water	SM 4500 Cl- E	
MB 500-810910/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-810910/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 810911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	SM 4500 SO4 E	
500-265351-2	T06S	Total/NA	Water	SM 4500 SO4 E	
500-265351-3	T02S	Total/NA	Water	SM 4500 SO4 E	
500-265351-4	T08S	Total/NA	Water	SM 4500 SO4 E	
500-265351-5	T05S	Total/NA	Water	SM 4500 SO4 E	
500-265351-6	T01S	Total/NA	Water	SM 4500 SO4 E	
500-265351-7	T11S	Total/NA	Water	SM 4500 SO4 E	
500-265351-8	G31S	Total/NA	Water	SM 4500 SO4 E	
500-265351-9	G33S	Total/NA	Water	SM 4500 SO4 E	
500-265351-10	T13S	Total/NA	Water	SM 4500 SO4 E	
500-265351-11	T12S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

General Chemistry (Continued)

Analysis Batch: 810911 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	SM 4500 SO4 E	
500-265351-13	G20S	Total/NA	Water	SM 4500 SO4 E	
MB 500-810911/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 500-810911/67	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-810911/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 500-810911/68	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-265351-13 MS	G20S	Total/NA	Water	SM 4500 SO4 E	
500-265351-13 MSD	G20S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 810920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	SM 2540C	
500-265351-13	G20S	Total/NA	Water	SM 2540C	
MB 500-810920/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-810920/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-12 MS	G30S	Total/NA	Water	SM 2540C	
500-265351-12 DU	G30S	Total/NA	Water	SM 2540C	

Analysis Batch: 811074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 2540C	
500-265351-15	G46S	Total/NA	Water	SM 2540C	
500-265351-16	T03S	Total/NA	Water	SM 2540C	
500-265351-17	R32S	Total/NA	Water	SM 2540C	
MB 500-811074/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-811074/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-14 MS	R08S	Total/NA	Water	SM 2540C	
500-265351-14 DU	R08S	Total/NA	Water	SM 2540C	

Analysis Batch: 811234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	SM 4500 Cl- E	
500-265351-5	T05S	Total/NA	Water	SM 4500 Cl- E	
500-265351-14	R08S	Total/NA	Water	SM 4500 Cl- E	
500-265351-15	G46S	Total/NA	Water	SM 4500 Cl- E	
500-265351-16	T03S	Total/NA	Water	SM 4500 Cl- E	
500-265351-17	R32S	Total/NA	Water	SM 4500 Cl- E	
MB 500-811234/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-811234/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 811394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-5	T05S	Total/NA	Water	SM 4500 F C	
500-265351-6	T01S	Total/NA	Water	SM 4500 F C	
500-265351-7	T11S	Total/NA	Water	SM 4500 F C	
500-265351-8	G31S	Total/NA	Water	SM 4500 F C	
500-265351-9	G33S	Total/NA	Water	SM 4500 F C	
500-265351-10	T13S	Total/NA	Water	SM 4500 F C	
500-265351-11	T12S	Total/NA	Water	SM 4500 F C	
500-265351-12	G30S	Total/NA	Water	SM 4500 F C	
500-265351-13	G20S	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

General Chemistry (Continued)

Analysis Batch: 811394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 4500 F C	
500-265351-15	G46S	Total/NA	Water	SM 4500 F C	
500-265351-16	T03S	Total/NA	Water	SM 4500 F C	
500-265351-17	R32S	Total/NA	Water	SM 4500 F C	
MB 500-811394/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-811394/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-265351-6 MS	T01S	Total/NA	Water	SM 4500 F C	
500-265351-6 MSD	T01S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 811511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 4500 Cl- E	
500-265351-19	G39S	Total/NA	Water	SM 4500 Cl- E	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 Cl- E	
500-265351-21	G45S	Total/NA	Water	SM 4500 Cl- E	
500-265351-22	G48S	Total/NA	Water	SM 4500 Cl- E	
500-265351-23	G47S	Total/NA	Water	SM 4500 Cl- E	
MB 500-811511/100	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-811511/102	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-265351-18 MS	G44S	Total/NA	Water	SM 4500 Cl- E	
500-265351-18 MSD	G44S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 811554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-14	R08S	Total/NA	Water	SM 4500 SO4 E	
500-265351-15	G46S	Total/NA	Water	SM 4500 SO4 E	
500-265351-16	T03S	Total/NA	Water	SM 4500 SO4 E	
500-265351-17	R32S	Total/NA	Water	SM 4500 SO4 E	
500-265351-18	G44S	Total/NA	Water	SM 4500 SO4 E	
500-265351-19	G39S	Total/NA	Water	SM 4500 SO4 E	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 SO4 E	
500-265351-21	G45S	Total/NA	Water	SM 4500 SO4 E	
500-265351-22	G48S	Total/NA	Water	SM 4500 SO4 E	
500-265351-23	G47S	Total/NA	Water	SM 4500 SO4 E	
MB 500-811554/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-811554/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-265351-15 MS	G46S	Total/NA	Water	SM 4500 SO4 E	
500-265351-15 MSD	G46S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 811633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 2540C	
500-265351-19	G39S	Total/NA	Water	SM 2540C	
500-265351-20	G39S DUP	Total/NA	Water	SM 2540C	
500-265351-21	G45S	Total/NA	Water	SM 2540C	
500-265351-22	G48S	Total/NA	Water	SM 2540C	
500-265351-23	G47S	Total/NA	Water	SM 2540C	
MB 500-811633/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-811633/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-265351-18 MS	G44S	Total/NA	Water	SM 2540C	
500-265351-18 DU	G44S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

General Chemistry

Analysis Batch: 812266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	SM 4500 F C	
500-265351-19	G39S	Total/NA	Water	SM 4500 F C	
500-265351-20	G39S DUP	Total/NA	Water	SM 4500 F C	
500-265351-21	G45S	Total/NA	Water	SM 4500 F C	
500-265351-22	G48S	Total/NA	Water	SM 4500 F C	
500-265351-23	G47S	Total/NA	Water	SM 4500 F C	
MB 500-812266/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-812266/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 812712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	SM 4500 Cl- E	
MB 500-812712/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-812712/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-265351-6 MS	T01S	Total/NA	Water	SM 4500 Cl- E	
500-265351-6 MSD	T01S	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 811261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	Field Sampling	
500-265351-2	T06S	Total/NA	Water	Field Sampling	
500-265351-3	T02S	Total/NA	Water	Field Sampling	
500-265351-4	T08S	Total/NA	Water	Field Sampling	
500-265351-5	T05S	Total/NA	Water	Field Sampling	
500-265351-6	T01S	Total/NA	Water	Field Sampling	
500-265351-7	T11S	Total/NA	Water	Field Sampling	
500-265351-8	G31S	Total/NA	Water	Field Sampling	
500-265351-9	G33S	Total/NA	Water	Field Sampling	
500-265351-10	T13S	Total/NA	Water	Field Sampling	
500-265351-11	T12S	Total/NA	Water	Field Sampling	
500-265351-12	G30S	Total/NA	Water	Field Sampling	
500-265351-13	G20S	Total/NA	Water	Field Sampling	
500-265351-14	R08S	Total/NA	Water	Field Sampling	
500-265351-15	G46S	Total/NA	Water	Field Sampling	
500-265351-16	T03S	Total/NA	Water	Field Sampling	
500-265351-17	R32S	Total/NA	Water	Field Sampling	
500-265351-18	G44S	Total/NA	Water	Field Sampling	
500-265351-19	G39S	Total/NA	Water	Field Sampling	
500-265351-20	G39S DUP	Total/NA	Water	Field Sampling	
500-265351-21	G45S	Total/NA	Water	Field Sampling	
500-265351-22	G48S	Total/NA	Water	Field Sampling	
500-265351-23	G47S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-810213/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/18/25 08:06	03/20/25 19:41	1
Arsenic	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Barium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:41	1
Beryllium	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Boron	<0.050		0.050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Cadmium	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Calcium	<0.20		0.20		mg/L		03/18/25 08:06	03/20/25 19:41	1
Chromium	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Cobalt	<0.0010		0.0010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Lead	<0.00050		0.00050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Lithium	<0.010		0.010		mg/L		03/18/25 08:06	03/20/25 19:41	1
Molybdenum	<0.0050		0.0050		mg/L		03/18/25 08:06	03/20/25 19:41	1
Selenium	<0.0025		0.0025		mg/L		03/18/25 08:06	03/20/25 19:41	1
Thallium	<0.0020		0.0020		mg/L		03/18/25 08:06	03/20/25 19:41	1

Lab Sample ID: LCS 500-810213/2-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 810213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.521		mg/L		104	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Boron	1.00	0.990		mg/L		99	80 - 120
Cadmium	0.0500	0.0511		mg/L		102	80 - 120
Calcium	10.0	8.82		mg/L		88	80 - 120
Chromium	0.200	0.203		mg/L		102	80 - 120
Cobalt	0.500	0.534		mg/L		107	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: MB 500-810386/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/19/25 08:08	03/20/25 17:29	1
Arsenic	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Barium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 17:29	1
Beryllium	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Boron	<0.050		0.050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Cadmium	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Calcium	<0.20		0.20		mg/L		03/19/25 08:08	03/20/25 17:29	1
Chromium	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Cobalt	<0.0010		0.0010		mg/L		03/19/25 08:08	03/20/25 17:29	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-810386/1-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Lithium	<0.010		0.010		mg/L		03/19/25 08:08	03/20/25 17:29	1
Molybdenum	<0.0050		0.0050		mg/L		03/19/25 08:08	03/20/25 17:29	1
Selenium	<0.0025		0.0025		mg/L		03/19/25 08:08	03/20/25 17:29	1
Thallium	<0.0020		0.0020		mg/L		03/19/25 08:08	03/20/25 17:29	1

Lab Sample ID: LCS 500-810386/2-A

Matrix: Water

Analysis Batch: 810733

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 810386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.520		mg/L		104	80 - 120
Arsenic	0.100	0.0998		mg/L		100	80 - 120
Barium	0.500	0.514		mg/L		103	80 - 120
Beryllium	0.0500	0.0506		mg/L		101	80 - 120
Boron	1.00	1.02		mg/L		102	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	10.0	8.75		mg/L		88	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.500	0.537		mg/L		107	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Lithium	0.100	0.105		mg/L		105	80 - 120
Molybdenum	1.00	0.999		mg/L		100	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: MB 500-811206/1-A

Matrix: Water

Analysis Batch: 811401

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:39	03/26/25 15:19	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Barium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/26/25 15:19	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Boron	<0.050		0.050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Cobalt	<0.0010	^+	0.0010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Lithium	<0.010		0.010		mg/L		03/25/25 14:39	03/26/25 15:19	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:39	03/26/25 15:19	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:39	03/26/25 15:19	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811206/1-A

Matrix: Water

Analysis Batch: 811548

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.20		0.20		mg/L		03/25/25 14:39	03/27/25 11:34	1
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:39	03/27/25 11:34	1

Lab Sample ID: LCS 500-811206/2-A

Matrix: Water

Analysis Batch: 811401

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.483		mg/L		97	80 - 120
Arsenic	0.100	0.0906		mg/L		91	80 - 120
Barium	0.500	0.470		mg/L		94	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	1.00	0.972		mg/L		97	80 - 120
Cadmium	0.0500	0.0482		mg/L		96	80 - 120
Chromium	0.200	0.202		mg/L		101	80 - 120
Cobalt	0.500	0.576	^+	mg/L		115	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.969		mg/L		97	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 500-811206/2-A

Matrix: Water

Analysis Batch: 811548

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	9.05		mg/L		90	80 - 120
Selenium	0.100	0.0975		mg/L		97	80 - 120

Lab Sample ID: MB 500-811211/1-A

Matrix: Water

Analysis Batch: 811400

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/25/25 14:56	03/26/25 15:52	1
Arsenic	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Barium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/26/25 15:52	1
Beryllium	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Boron	<0.050		0.050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Cadmium	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Calcium	<0.20		0.20		mg/L		03/25/25 14:56	03/26/25 15:52	1
Chromium	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Cobalt	<0.0010		0.0010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Lead	<0.00050		0.00050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Lithium	<0.010		0.010		mg/L		03/25/25 14:56	03/26/25 15:52	1
Molybdenum	<0.0050		0.0050		mg/L		03/25/25 14:56	03/26/25 15:52	1
Thallium	<0.0020		0.0020		mg/L		03/25/25 14:56	03/26/25 15:52	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811211/1-A

Matrix: Water

Analysis Batch: 811549

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0025		0.0025		mg/L		03/25/25 14:56	03/27/25 11:59	1

Lab Sample ID: LCS 500-811211/2-A

Matrix: Water

Analysis Batch: 811400

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.488		mg/L		98	80 - 120
Arsenic	0.100	0.0939		mg/L		94	80 - 120
Barium	0.500	0.471		mg/L		94	80 - 120
Beryllium	0.0500	0.0469		mg/L		94	80 - 120
Boron	1.00	0.960		mg/L		96	80 - 120
Cadmium	0.0500	0.0468		mg/L		94	80 - 120
Calcium	10.0	7.97		mg/L		80	80 - 120
Chromium	0.200	0.192		mg/L		96	80 - 120
Cobalt	0.500	0.505		mg/L		101	80 - 120
Lead	0.100	0.0960		mg/L		96	80 - 120
Lithium	0.100	0.0923		mg/L		92	80 - 120
Molybdenum	1.00	0.925		mg/L		93	80 - 120
Thallium	0.100	0.0969		mg/L		97	80 - 120

Lab Sample ID: LCS 500-811211/2-A

Matrix: Water

Analysis Batch: 811549

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 811211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.0974		mg/L		97	80 - 120

Lab Sample ID: MB 500-811562/1-A

Matrix: Water

Analysis Batch: 811784

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 811562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		03/27/25 16:42	03/28/25 17:41	1
Arsenic	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Barium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 17:41	1
Beryllium	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Boron	<0.050		0.050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Cadmium	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Calcium	<0.20		0.20		mg/L		03/27/25 16:42	03/28/25 17:41	1
Chromium	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Cobalt	<0.0010		0.0010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Lead	<0.00050		0.00050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Lithium	<0.010		0.010		mg/L		03/27/25 16:42	03/28/25 17:41	1
Molybdenum	<0.0050		0.0050		mg/L		03/27/25 16:42	03/28/25 17:41	1
Selenium	<0.0025		0.0025		mg/L		03/27/25 16:42	03/28/25 17:41	1
Thallium	<0.0020		0.0020		mg/L		03/27/25 16:42	03/28/25 17:41	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: LCS 500-811562/2-A
Matrix: Water
Analysis Batch: 811784

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 811562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.494		mg/L		99	80 - 120
Arsenic	0.100	0.0944		mg/L		94	80 - 120
Barium	0.500	0.484		mg/L		97	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Boron	1.00	0.953		mg/L		95	80 - 120
Cadmium	0.0500	0.0482		mg/L		96	80 - 120
Calcium	10.0	8.28		mg/L		83	80 - 120
Chromium	0.200	0.195		mg/L		97	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.100	0.0969		mg/L		97	80 - 120
Lithium	0.100	0.0958		mg/L		96	80 - 120
Molybdenum	1.00	0.927		mg/L		93	80 - 120
Selenium	0.100	0.0939		mg/L		94	80 - 120
Thallium	0.100	0.0962		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-812139/12-A
Matrix: Water
Analysis Batch: 812354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 812139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/02/25 09:50	04/03/25 08:08	1

Lab Sample ID: LCS 500-812139/13-A
Matrix: Water
Analysis Batch: 812354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00201		mg/L		101	80 - 120

Lab Sample ID: MB 500-812513/12-A
Matrix: Water
Analysis Batch: 812724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 812513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		04/04/25 09:55	04/07/25 08:16	1

Lab Sample ID: LCS 500-812513/13-A
Matrix: Water
Analysis Batch: 812724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812513

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

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-16 MS

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000969		mg/L		97	75 - 125

Lab Sample ID: 500-265351-16 MSD

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000994		mg/L		99	75 - 125	3	20

Lab Sample ID: 500-265351-16 DU

Matrix: Water

Analysis Batch: 812724

Client Sample ID: T03S

Prep Type: Total/NA

Prep Batch: 812513

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 500-810529/1

Matrix: Water

Analysis Batch: 810529

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			03/19/25 21:17	1

Lab Sample ID: LCS 500-810529/2

Matrix: Water

Analysis Batch: 810529

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	246		mg/L		98	80 - 120

Lab Sample ID: MB 500-810530/1

Matrix: Water

Analysis Batch: 810530

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			03/19/25 22:47	1

Lab Sample ID: LCS 500-810530/2

Matrix: Water

Analysis Batch: 810530

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	246		mg/L		98	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-5 MS

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1500		250	1770	4	mg/L		126	75 - 125

Lab Sample ID: 500-265351-5 DU

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1500		1470		mg/L		1	5

Lab Sample ID: 500-265351-6 DU

Matrix: Water

Analysis Batch: 810530

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	990		992		mg/L		0.2	5

Lab Sample ID: MB 500-810707/1

Matrix: Water

Analysis Batch: 810707

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			03/21/25 01:25	1

Lab Sample ID: LCS 500-810707/2

Matrix: Water

Analysis Batch: 810707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-810920/1

Matrix: Water

Analysis Batch: 810920

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			03/24/25 00:42	1

Lab Sample ID: LCS 500-810920/2

Matrix: Water

Analysis Batch: 810920

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	266		mg/L		106	80 - 120

Lab Sample ID: 500-265351-12 MS

Matrix: Water

Analysis Batch: 810920

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1300		250	1610	4	mg/L		118	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-12 DU

Matrix: Water

Analysis Batch: 810920

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1330		mg/L		0.6	5

Lab Sample ID: MB 500-811074/1

Matrix: Water

Analysis Batch: 811074

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			03/24/25 23:10	1

Lab Sample ID: LCS 500-811074/2

Matrix: Water

Analysis Batch: 811074

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	258		mg/L		103	80 - 120

Lab Sample ID: 500-265351-14 MS

Matrix: Water

Analysis Batch: 811074

Client Sample ID: R08S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	760	F1	250	1140	F1	mg/L		151	75 - 125

Lab Sample ID: 500-265351-14 DU

Matrix: Water

Analysis Batch: 811074

Client Sample ID: R08S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	760	F1	754		mg/L		0.5	5

Lab Sample ID: MB 500-811633/1

Matrix: Water

Analysis Batch: 811633

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			03/28/25 10:21	1

Lab Sample ID: LCS 500-811633/2

Matrix: Water

Analysis Batch: 811633

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	230		mg/L		92	80 - 120

Lab Sample ID: 500-265351-18 MS

Matrix: Water

Analysis Batch: 811633

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	720		250	980		mg/L		105	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-18 DU
Matrix: Water
Analysis Batch: 811633

Client Sample ID: G44S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	720		744		mg/L		4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-810700/52
Matrix: Water
Analysis Batch: 810700

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			03/20/25 18:17	1

Lab Sample ID: LCS 500-810700/53
Matrix: Water
Analysis Batch: 810700

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	18.7		mg/L		94	85 - 115

Lab Sample ID: MB 500-810910/16
Matrix: Water
Analysis Batch: 810910

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			03/23/25 13:14	1

Lab Sample ID: LCS 500-810910/17
Matrix: Water
Analysis Batch: 810910

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

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

Lab Sample ID: MB 500-811234/16
Matrix: Water
Analysis Batch: 811234

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			03/25/25 15:29	1

Lab Sample ID: LCS 500-811234/17
Matrix: Water
Analysis Batch: 811234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.9		mg/L		100	85 - 115

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: MB 500-811511/100

Matrix: Water

Analysis Batch: 811511

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			03/27/25 09:58	1

Lab Sample ID: LCS 500-811511/102

Matrix: Water

Analysis Batch: 811511

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	19.8		mg/L		99	85 - 115

Lab Sample ID: 500-265351-18 MS

Matrix: Water

Analysis Batch: 811511

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57	F1	40.0	72.6	F1	mg/L		40	75 - 125

Lab Sample ID: 500-265351-18 MSD

Matrix: Water

Analysis Batch: 811511

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57	F1	40.0	72.4	F1	mg/L		39	75 - 125	0	20

Lab Sample ID: MB 500-812712/16

Matrix: Water

Analysis Batch: 812712

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			04/07/25 10:20	1

Lab Sample ID: LCS 500-812712/17

Matrix: Water

Analysis Batch: 812712

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

Lab Sample ID: 500-265351-6 MS

Matrix: Water

Analysis Batch: 812712

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	99	F1	20.0	115	4	mg/L		76	75 - 125

Lab Sample ID: 500-265351-6 MSD

Matrix: Water

Analysis Batch: 812712

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	99	F1	20.0	113	4	mg/L		71	75 - 125	1	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-810513/10

Matrix: Water

Analysis Batch: 810513

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			03/19/25 14:26	1

Lab Sample ID: LCS 500-810513/11

Matrix: Water

Analysis Batch: 810513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-265351-1 MS

Matrix: Water

Analysis Batch: 810513

Client Sample ID: T09S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.36		5.00	5.66		mg/L		106	75 - 125

Lab Sample ID: 500-265351-1 MSD

Matrix: Water

Analysis Batch: 810513

Client Sample ID: T09S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.36		5.00	5.72		mg/L		107	75 - 125	1	20

Lab Sample ID: MB 500-811394/3

Matrix: Water

Analysis Batch: 811394

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			03/26/25 09:16	1

Lab Sample ID: LCS 500-811394/4

Matrix: Water

Analysis Batch: 811394

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	9.83		mg/L		98	90 - 119

Lab Sample ID: 500-265351-6 MS

Matrix: Water

Analysis Batch: 811394

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.1		5.00	6.38		mg/L		105	75 - 125

Lab Sample ID: 500-265351-6 MSD

Matrix: Water

Analysis Batch: 811394

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.1		5.00	6.36		mg/L		104	75 - 125	0	20

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-812266/3

Matrix: Water

Analysis Batch: 812266

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			04/02/25 14:37	1

Lab Sample ID: LCS 500-812266/4

Matrix: Water

Analysis Batch: 812266

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	9.98		mg/L		100	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

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: MB 500-810911/67

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 16:15	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

Lab Sample ID: LCS 500-810911/68

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	21.5		mg/L		108	88 - 123

Lab Sample ID: 500-265351-13 MS

Matrix: Water

Analysis Batch: 810911

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	65		20.0	81.5		mg/L		83	75 - 125

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

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

Lab Sample ID: 500-265351-13 MSD

Matrix: Water

Analysis Batch: 810911

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	65		20.0	82.3		mg/L		87	75 - 125	1	20

Lab Sample ID: MB 500-811554/16

Matrix: Water

Analysis Batch: 811554

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			03/27/25 12:54	1

Lab Sample ID: LCS 500-811554/17

Matrix: Water

Analysis Batch: 811554

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	21.3		mg/L		107	88 - 123

Lab Sample ID: 500-265351-15 MS

Matrix: Water

Analysis Batch: 811554

Client Sample ID: G46S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	490		20.0	495	4	mg/L		20	75 - 125

Lab Sample ID: 500-265351-15 MSD

Matrix: Water

Analysis Batch: 811554

Client Sample ID: G46S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	490		20.0	504	4 E	mg/L		65	75 - 125	2	20

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe L., Greg</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-135040-50642 3																					
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin:		Page																					
Company: Midwest Generation EME LLC		PWSID:		Analysis Requested						Job #: <i>500-265351</i>																			
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPCC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E Total Number of containers						Preservation Codes D - HNO3 N - None																			
City: Joliet		TAT Requested (days)								Other:																			
State/Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No																											
Phone		PO #: 4502187984																											
Email james.thorne@nrg.com		WO #:																											
Project Name: Joliet #9 CCR		Project #: 50011504																											
Site Illinois		SSOW#:																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPCC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E		Total Number of containers		Special Instructions/Note:			
~~T118~~ <i>T095</i>		<i>02/17/25</i>		<i>1228</i>				Water		☒		☒		☒		☒		☒		☒		☒		☒		<i>5</i>			
~~T095~~ <i>T065</i>		<i>03/17/25</i>		<i>1418</i>				Water		☒		☒		☒		☒		☒		☒		☒		☒		<i>5</i>			
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Environment Testing

4/7/2025

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-135040-50842 3																																			
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page																																			
Company: Midwest Generation EME LLC		PWSID		Analysis Requested						Job #: 500-265351																																	
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) <table border="1"><thead><tr><th>Percont MS/MS/ST (Yes or No)</th><th>903.0 - Standard Target List</th><th>Ra226Ra228 - GPPC - Local Method</th><th>904.0 - Standard Target List</th><th>6020A, 7470A</th><th>2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						Percont MS/MS/ST (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GPPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E																									TAT Requested (days)		Preservation Codes D - HNO3 N - None	
Percont MS/MS/ST (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GPPC - Local Method	904.0 - Standard Target List							6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E																																
City: Joliet		Compliance Project: ☐ Yes ☐ No		500 265351 COC 						Other:																																	
State Zip: IL, 60436		PO #: 4502187984																																									
Phone		WO #:																																									
Email: james.thorne@nrg.com		Project #: 50011504																																									
Project Name: Joliet #9 CCR		SSOW#:																																									
Site: Illinois																																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Percont MS/MS/ST (Yes or No)		903.0 - Standard Target List		Ra226Ra228 - GPPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of Containers		Special Instructions/Note:																	

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Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-135040-50642 2	
Client Contact: James Thorne		Phone		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin		Page: ~~2 of 3~~	
Company: Midwest Generation EME LLC		PWSID		Analysis		Job #: <i>500-265351</i>		Preservation Codes: D - HNO3, N - None	
Address: 1800 Channahon Road		Due Date Requested		TAT Requested (days)		Compliance Project: ☐ Yes ☐ No		PO #: 4502187984	
City: Joliet		TAT Requested (days)		Compliance Project: ☐ Yes ☐ No		PO #: 4502187984		WO #:	
State, Zip: IL, 60436		Compliance Project: ☐ Yes ☐ No		PO #: 4502187984		WO #:		Project #: 50011504	
Phone:		Project #: 50011504		SSOW#:		Project Name: Joliet #9 CCR		Site: Illinois	
Email: james.thorne@nrg.com		Project Name: Joliet #9 CCR		Site: Illinois		Sample Identification		Sample Date	
Project Name: Joliet #9 CCR		Site: Illinois		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Sample Time	
Sample Identification		Sample Date		Sample Time		Preservation Code:		Special Instructions/Note:	
18 ~~G34S~~		03/26/25		0934		Water		5	
19 ~~G33S~~		03/26/25		1034		Water		5	
20 ~~T01S~~		03/26/25		1034		Water		5	
21 ~~T02S~~		03/26/25		1138		Water		5	
22 ~~T04S~~		03/26/25		1325		Water		5	
23 ~~T05S~~		03/26/25		1443		Water		5	
~~T06S~~						Water			
~~T08S~~						Water			
~~T09S~~						Water			
~~T12S~~						Water			
~~T13S~~						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: <i>[Signature]</i>		Date/Time: 03/26/25 1545		Company: <i>EETA</i>		Received by: <i>Hughanie Hernandez</i>		Date/Time: 3/26/25 1545	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>1.8-1.5, 3.6-3.5</i>					

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-1

Login Number: 265351

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9,1.6,0.8,0.6,-0.6,1.5,3.5 Samples not frozen,0.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T09S

Date Collected: 03/17/25 12:28

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810213	BDE	EET CHI	03/18/25 08:06 - 03/18/25 14:06 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 19:46
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:43
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:08
Total/NA	Analysis	SM 4500 CI- E		2	810700	TR	EET CHI	03/20/25 18:38
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:35
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:04
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/17/25 12:28

Client Sample ID: T06S

Date Collected: 03/17/25 14:18

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810213	BDE	EET CHI	03/18/25 08:06 - 03/18/25 14:06 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 19:48
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:45
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:11
Total/NA	Analysis	SM 4500 CI- E		1	810700	TR	EET CHI	03/20/25 18:21
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 14:58
Total/NA	Analysis	SM 4500 SO4 E		5	810911	TR	EET CHI	03/23/25 16:06
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/17/25 14:18

Client Sample ID: T02S

Date Collected: 03/18/25 10:44

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:18
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:47
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:13
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:44
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 15:02
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:39
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 10:44

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T08S

Date Collected: 03/18/25 12:29

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:21
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:49
Total/NA	Analysis	SM 2540C		1	810529	CLB	EET CHI	03/19/25 22:16
Total/NA	Analysis	SM 4500 CI- E		2	810700	TR	EET CHI	03/20/25 18:38
Total/NA	Analysis	SM 4500 F C		1	810513	AC	EET CHI	03/19/25 15:06
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 15:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 12:29

Client Sample ID: T05S

Date Collected: 03/18/25 14:21

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			810386	BDE	EET CHI	03/19/25 08:08 - 03/19/25 14:08 ¹
Total Recoverable	Analysis	6020B		1	810733	RN	EET CHI	03/20/25 18:25
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 08:52
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 22:52
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:44
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:27
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:40
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/18/25 14:21

Client Sample ID: T01S

Date Collected: 03/19/25 11:02

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:39
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:12
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 09:04
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 22:59
Total/NA	Analysis	SM 4500 CI- E		5	812712	LP	EET CHI	04/07/25 10:35
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:33
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 15:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/19/25 11:02

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: T11S

Date Collected: 03/19/25 13:47

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:41
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:15
Total/NA	Prep	7470A			812139	MJG	EET CHI	04/02/25 09:50 - 04/02/25 11:50 ¹
Total/NA	Analysis	7470A		1	812354	MJG	EET CHI	04/03/25 09:06
Total/NA	Analysis	SM 2540C		1	810530	CLB	EET CHI	03/19/25 23:05
Total/NA	Analysis	SM 4500 CI- E		5	810700	TR	EET CHI	03/20/25 18:41
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:48
Total/NA	Analysis	SM 4500 SO4 E		5	810911	TR	EET CHI	03/23/25 15:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/19/25 13:47

Client Sample ID: G31S

Date Collected: 03/20/25 10:39

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:44
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:17
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:20
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:50
Total/NA	Analysis	SM 4500 CI- E		5	810910	TR	EET CHI	03/23/25 13:40
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:52
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 10:39

Client Sample ID: G33S

Date Collected: 03/20/25 11:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:46
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:20
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:22
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:53
Total/NA	Analysis	SM 4500 CI- E		1	810910	TR	EET CHI	03/23/25 13:16
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 09:57

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G33S

Date Collected: 03/20/25 11:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-9

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	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 11:33

Client Sample ID: T13S

Date Collected: 03/20/25 12:37

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:49
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:22
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:25
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:55
Total/NA	Analysis	SM 4500 Cl- E		1	810910	TR	EET CHI	03/23/25 13:16
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:01
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:28
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 12:37

Client Sample ID: T12S

Date Collected: 03/20/25 13:33

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:51
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:24
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:27
Total/NA	Analysis	SM 2540C		1	810707	CLB	EET CHI	03/21/25 01:58
Total/NA	Analysis	SM 4500 Cl- E		2	810910	TR	EET CHI	03/23/25 13:40
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:16
Total/NA	Analysis	SM 4500 SO4 E		10	810911	TR	EET CHI	03/23/25 16:27
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/20/25 13:33

Client Sample ID: G30S

Date Collected: 03/21/25 10:38

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 11:58

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G30S

Date Collected: 03/21/25 10:38

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:27
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:29
Total/NA	Analysis	SM 2540C		1	810920	CLB	EET CHI	03/24/25 00:50
Total/NA	Analysis	SM 4500 CI- E		5	810910	TR	EET CHI	03/23/25 13:41
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:20
Total/NA	Analysis	SM 4500 SO4 E		20	810911	TR	EET CHI	03/23/25 16:39
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/21/25 10:38

Client Sample ID: G20S

Date Collected: 03/21/25 13:20

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811548	S1Z	EET CHI	03/27/25 12:10
Total Recoverable	Prep	3005A			811206	S1Z	EET CHI	03/25/25 14:39 - 03/25/25 20:39 ¹
Total Recoverable	Analysis	6020B		1	811401	S1Z	EET CHI	03/26/25 16:34
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:31
Total/NA	Analysis	SM 2540C		1	810920	CLB	EET CHI	03/24/25 00:58
Total/NA	Analysis	SM 4500 CI- E		1	810910	TR	EET CHI	03/23/25 13:17
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:24
Total/NA	Analysis	SM 4500 SO4 E		2	810911	TR	EET CHI	03/23/25 16:29
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/21/25 13:20

Client Sample ID: R08S

Date Collected: 03/24/25 10:57

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:20
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:16
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:33
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:15
Total/NA	Analysis	SM 4500 CI- E		2	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:29
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 10:57

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G46S

Date Collected: 03/24/25 11:55

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:05
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:06
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:52
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:23
Total/NA	Analysis	SM 4500 CI- E		2	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:33
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 11:55

Client Sample ID: T03S

Date Collected: 03/24/25 13:15

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:32
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:30
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 08:54
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:26
Total/NA	Analysis	SM 4500 CI- E		5	811234	TR	EET CHI	03/25/25 15:45
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:10
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 13:15

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811400	S1Z	EET CHI	03/26/25 17:15
Total Recoverable	Prep	3005A			811211	S1Z	EET CHI	03/25/25 14:56 - 03/25/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	811549	S1Z	EET CHI	03/27/25 12:13
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:03
Total/NA	Analysis	SM 2540C		1	811074	CLB	EET CHI	03/24/25 23:29
Total/NA	Analysis	SM 4500 CI- E		1	811234	TR	EET CHI	03/25/25 15:31
Total/NA	Analysis	SM 4500 F C		1	811394	AC	EET CHI	03/26/25 10:42

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

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		10	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/24/25 14:11

Client Sample ID: G44S

Date Collected: 03/26/25 09:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:03
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:16
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:27
Total/NA	Analysis	SM 4500 Cl- E		2	811511	TR	EET CHI	03/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:03
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:10
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 09:34

Client Sample ID: G39S

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:05
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:18
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:34
Total/NA	Analysis	SM 4500 Cl- E		1	811511	TR	EET CHI	03/27/25 09:59
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:07
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:59
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 10:34

Client Sample ID: G39S DUP

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:08
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:20
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:36
Total/NA	Analysis	SM 4500 Cl- E		1	811511	TR	EET CHI	03/27/25 09:59

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:20
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:09
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 10:34

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:10
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:23
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:39
Total/NA	Analysis	SM 4500 Cl- E		5	811511	TR	EET CHI	03/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:25
Total/NA	Analysis	SM 4500 SO4 E		5	811554	TR	EET CHI	03/27/25 13:09
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 11:38

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:12
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:25
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:41
Total/NA	Analysis	SM 4500 Cl- E		5	811511	TR	EET CHI	03/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:29
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 13:25

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			811562	S1Z	EET CHI	03/27/25 16:42 - 03/27/25 22:42 ¹
Total Recoverable	Analysis	6020B		1	811784	RN	EET CHI	03/28/25 18:25
Total/NA	Prep	7470A			812513	MJG	EET CHI	04/04/25 09:55 - 04/04/25 11:55 ¹
Total/NA	Analysis	7470A		1	812724	MJG	EET CHI	04/07/25 09:27
Total/NA	Analysis	SM 2540C		1	811633	SO	EET CHI	03/28/25 10:43

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 Cl- E		2	811511	TR	EET CHI	03/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	812266	AC	EET CHI	04/02/25 15:32
Total/NA	Analysis	SM 4500 SO4 E		10	811554	TR	EET CHI	03/27/25 13:58
Total/NA	Analysis	Field Sampling		1	811261	JVB	EET CHI	03/26/25 14:43

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: Joliet #9 (Quarry) CCR

Job ID: 500-265351-1

Laboratory: Eurofins Chicago

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-205351-1

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/17/25 Start Purge: 1210 End Purge: 1228
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.69 7.66 7.66 (std.)
Ref. Measuring Pt. TIC SC 993 994 994 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 10.60 10.59 10.59 (°C)
Water Level 112.62 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.87 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 43°F, Partly Sunny, S winds e 5-10 mph
Turbidity: 430 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 112.62 - 2.40 = 110.22 (ft)

Levels were taken on 03/17/25 @ 1155

* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-2

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/17/25 Start Purge: 1402 End Purge: 1418
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.42 7.43 7.43 (std.)
Ref. Measuring Pt. TIC SC 714 711 711 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 15.38 15.41 15.41 (°C)
Water Level 118.71 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.34 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 51°F, Sunny, S winds @ 5-10 mph
Turbidity: 3.22 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 118.71 - 2.30 = 116.41 (ft)
Levels were taken on 03/17/25 @ 1347.
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-3

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/18/25 Start Purge: 1025 End Purge: 1044
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.33 (ft) pH 7.99 8.00 8.00 (std.)
Ref. Measuring Pt. TIC SC 1276 1279 1279 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 12.76 12.76 12.76 (°C)
Water Level 137.44 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.70 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Moderate Turbidity, No Odor
Weather Conditions: 51°F, Partly Sunny, S winds e 0-5 mph
Turbidity: 105.0 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 137.44 - 2.33 = 135.11 (ft.)
Levels were taken on 03/18/25 @ 1010
* Total Depth = 172.75

(Updated: 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-4

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/18/25 Start Purge: 1213 End Purge: 1229
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.41

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.59 8.56 8.56 (std.)
Ref. Measuring Pt. TIC SC 1134 1138 1138 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 19.38 19.37 19.37 (°C)
Water Level 132.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 494.98 (ft./msl)

Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 61°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 11.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 132.45 - 2.38 = 130.07 (ft.)
Levels were taken on 03/18/25 @ 1158
* Total Deth = 180.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 505 215351-5

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 03/18/25 Start Purge: 1405 End Purge: 1421
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 8.57 8.55 8.55 (std.)
Ref. Measuring Pt. TIC SC 2220 2220 2220 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 21.50 21.57 21.57 (°C)
Water Level 125.73 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.68 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 67°F, Mostly Cloudy, SE winds e 5-10 mph
Turbidity: 4.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 125.73 - 2.40 = 123.33 (ft.)
Levels were taken on 03/18/25 @ 1350
* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-16

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump Dedicated (Y/N) (N)
Sampling _____ Bladder Pump Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/19/25 Start Purge: 1042 End Purge: 1102
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.26

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.88 7.85 7.85 (std.)
Ref. Measuring Pt. TIC SC 1,355 1,354 1,354 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 14.64 14.62 14.62 (°C)
Water Level 124.65 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.18 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, High Turbidity, Slight Odor
Weather Conditions: 63°F, Cloudy, SE winds @ 0-5 mph
Turbidity: 235.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 124.65 - 2.48 = 122.17 (ft)
Levels were taken on 03/19/25 @ 1027
* Total Depth = 170.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-7

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 03/19/25 Start Purge: 1327 End Purge: 1347
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.59 7.60 7.60 (std.)
Ref. Measuring Pt. TIC SC 946 948 948 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 10.87 10.86 10.86 (°C)
Water Level 75.09 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 484.31 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 55°F, Cloudy, NE winds e 0-5 mph
Turbidity 50.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 75.09 - 2.74 = 72.35 (ft.)
Levels were taken on 03/19/25 @ 1312
* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-245351-8

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 03/20/25 Start Purge: 1025 End Purge: 1039
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.90

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.34 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 1510 1500 1500 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 12.40 12.39 12.39 (°C)
Water Level 28.34 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.33 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear,
Weather Conditions: 35°F, Sunny, NW winds @ 20-25 mph
Turbidity: 1.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 28.34 - 2.58 = 25.76 (ft.)
Levels were taken on 03/20/25 @ 1015.

(Updated 10/23/2024)

Sampler Name (Print): Nac Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-9

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/20/25 Start Purge: 1114 End Purge: 1133
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.74

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.83 7.82 7.82 (std.)
Ref. Measuring Pt. TIC SC 652 646 646 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 13.35 13.40 13.40 (°C)
Water Level 35.82 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 499.85 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No odor
Weather Conditions: 38°F, Sunny, NW winds 10-15 mph
Turbidity: 33.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 35.82 - 1.73 = 34.09 (ft.)
Levels were taken on 03/20/25 @ 1109

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-10

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 03/20/25 Start Purge: 1226 End Purge: 1237
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.43

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.57 7.55 7.55 (std.)
Ref. Measuring Pt. TIC SC 952 954 954 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 13.08 13.14 13.14 (°C)
Water Level 19.91 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.42 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 38°F, Sunny, NW winds 10-15 mph
Turbidity: 5.06 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 19.91 - 2.76 = 17.15 (ft.)
Levels were taken on 03/20/25 @ 1221
* Total Depth: 73.12 (ft.)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-11

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: 03/20/25 Start Purge: 1321 End Purge: 1333
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.42 7.41 7.41 (std.)
Ref. Measuring Pt. TIC SC 918 921 921 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 12.14 12.16 12.16 (°C)
Water Level 73.74 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.99 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: N.S. Colorless Reddish-Orange, High Turbidity, No Odor
Weather Conditions: 40°F, Sunny, NW winds @ 10-15 mph
Turbidity: 457.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.74 - 2.74 = 71.00 (ft.)
Levels were taken on 03/20/25 @ 1316
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-205351-12

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/21/22 Start Purge: 1023 End Purge: 1038
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.19

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.36 7.35 7.35 (std.)
Ref. Measuring Pt. TIC SC 1,930 1,930 1,930 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 8.83 8.86 8.86 (°C)
Water Level 1.69 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 523.09 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 45°F, Sunny, SW winds @ 5-10 mph
Turbidity: 0.72 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.69 - 2.31 = -0.62 (ft.)
Levels were taken on 03/21/25 @ 1013

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-13

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 03/21/25 Start Purge: 1306 End Purge: 1320
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.09

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.50 7.48 7.48 (std.)
Ref. Measuring Pt. TIC SC 695 694 694 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 14.12 14.11 14.11 (°C)
Water Level 68.93 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 511.86 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 56°F, Mostly Sunny, SW winds @ 10-15 mph
Turbidity: 2.39 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 68.93 - 2.78 = 66.15 (ft.)
Levels were taken on 03/21/25 @ 1301

(Updated 10/23/2024)

Sampler Name (Print):

Noe Lopez

Signature:

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-215351-14

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/24/25 Start Purge: 1040 End Purge: 1057
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.88

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 7.77 7.79 7.79 (std.)
Ref. Measuring Pt. TIC SC 1005 999 999 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 11.75 11.70 11.70 (°C)
Water Level 70.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 508.19 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 36°F, Mostly Cloudy, NW winds 5-10 mph
Turbidity: 0.52 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 70.45 - 2.55 = 67.90 (ft.)
Levels were taken on 03/24/25 @ 1030

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-15

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (N)

PURGING INFORMATION

Purge Date: 03/24/25 Start Purge: 1135 End Purge: 1155
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.47 7.46 7.46 (std.)
Ref. Measuring Pt. TIC SC 1261 1255 1255 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 12.90 12.85 12.85 (°C)
Water Level 110.34 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.98 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 37°F, Mostly Cloudy, NW winds 5-10 mph
Turbidity: 41.90 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 110.34 - 2.70 = 107.64 (ft.)
Levels were taken on 03/24/25 @ 1130

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-16

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/24/25 Start Purge: 1253 End Purge: 1315
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.34 7.36 7.36 (std.)
Ref. Measuring Pt. TIC SC 1,152 1,163 1,163 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 11.31 11.27 11.27 (°C)
Water Level 140.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.94 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 43°F, Mostly Cloudy, w winds e 5-10 mph
Turbidity: 0.64 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 140.79 - 3.08 = 137.71 (ft)
Levels were taken on 03/24/25 @ 1248
* Total Depth = 172.95

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-17

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 03/24/25 Start Purge: 1352 End Purge: 1411
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.54 7.53 7.53 (std.)
Ref. Measuring Pt. TIC SC 855 864 864 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 11.46 11.44 11.44 (°C)
Water Level 22.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 514.84 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 45°F, Mostly Sunny, W winds 5-10 mph
Turbidity: 1.20 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 22.20 - 2.03 = 20.17 (ft.)
Levels were taken on 03/24/25 @ 1347.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-18

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: 0916 End Purge: 0934
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.81

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.14 7.13 7.13 (std.)
Ref. Measuring Pt. TIC SC 1046 1043 1043 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 11.02 11.09 11.09 (°C)
Water Level 83.11 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 503.51 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 35°F, Mostly Cloudy, NW winds e 0-5 mph
Turbidity: 2.07 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 83.11 - 2.18 = 80.93 (ft.)
Levels were taken on 03/26/25 @ 0906

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-19

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: 1011 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.19

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.10 7.13 7.13 (std.)
Ref. Measuring Pt. TIC SC 825 829 829 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 10.96 11.00 11.00 (°C)
Water Level 97.76 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 500.98 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 42°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity 1.34 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 97.76 - 2.08 = 95.68 (ft.)
Levels were taken on 03/26/25 @ 1006.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G39S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-20

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (N)
Sampling _____ Bladder Pump _____ Dedicated (N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: _____ End Purge: _____
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity NTU
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-21

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: 1127 End Purge: 1138
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.40 7.41 7.41 (std.)
Ref. Measuring Pt. TIC SC 923 921 921 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 13.76 13.76 13.76 (°C)
Water Level 64.18 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.63 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear,
Weather Conditions: 45°F, Mostly Cloudy, N winds 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 64.18 - 2.97 = 61.21 (ft.)
Levels were taken on 03/24/25 @ 1122

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-265351-22

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: 1305 End Purge: 1325
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 7.71 7.74 7.74 (std.)
Ref. Measuring Pt. TIC SC 1520 1510 1510 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 13.40 13.36 13.36 (°C)
Water Level 103.45 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.28 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 51°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity: 0.83 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 103.45 - 2.45 = 101.00 (ft)
Levels were taken on 03/26/25 @ 1300

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

2417 Bond St
University Park, IL 60484-3182
Tel: 708 534 5200 Fax: 708 534 5211

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-205351-23

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 03/26/25 Start Purge: 1426 End Purge: 1443
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.88

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 7.89 7.89 7.89 (std.)
Ref. Measuring Pt. TIC SC 1430 1430 1430 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 12.60 12.61 12.61 (°C)
Water Level 94.86 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.30 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 53°F, Cloudy, NW winds e 0-5 mph
Turbidity: 0.38 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.86 - 2.50 = 92.36 (ft.)
Levels were taken on 03/26/25 @ 1421

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/25/2025 1:36:02 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR (RAD)

JOB NUMBER

500-265351-2

Eurofins Chicago

Job Notes

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

Authorization



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4/25/2025 1:36:02 PM

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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Job ID: 500-265351-2

Eurofins Chicago

Job Narrative 500-265351-2

Receipt

The samples were received on 3/17/2025 4:00 PM. 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, 0.1° C, 0.6° C, 0.8° C, 1.5° C, 1.6° C, 1.9° C and 3.5° C.

RAD

Method 904.0: Radium 228 Batch 709211

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. T01S (500-265351-6)

Methods 904.0, 9320: Radium-228 Prep Batch 160-709213

The detection goal was not met for the following sample due to the reduction of sample size required by the presence of matrix interferences (turbidity, yellow discoloration noted by the prep analyst): G33S (500-265351-9). Analytical results are reported with the detection limit achieved.

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-265351-1	T09S	Water	03/17/25 12:28	03/17/25 16:00
500-265351-2	T06S	Water	03/17/25 14:18	03/17/25 16:00
500-265351-3	T02S	Water	03/18/25 10:44	03/18/25 16:00
500-265351-4	T08S	Water	03/18/25 12:29	03/18/25 16:00
500-265351-5	T05S	Water	03/18/25 14:21	03/18/25 16:00
500-265351-6	T01S	Water	03/19/25 11:02	03/19/25 15:25
500-265351-7	T11S	Water	03/19/25 13:47	03/19/25 15:25
500-265351-8	G31S	Water	03/20/25 10:39	03/20/25 14:45
500-265351-9	G33S	Water	03/20/25 11:33	03/20/25 14:45
500-265351-10	T13S	Water	03/20/25 12:37	03/20/25 14:45
500-265351-11	T12S	Water	03/20/25 13:33	03/20/25 14:45
500-265351-12	G30S	Water	03/21/25 10:38	03/21/25 15:56
500-265351-13	G20S	Water	03/21/25 13:20	03/21/25 15:56
500-265351-14	R08S	Water	03/24/25 10:57	03/24/25 15:23
500-265351-15	G46S	Water	03/24/25 11:55	03/24/25 15:23
500-265351-16	T03S	Water	03/24/25 13:15	03/24/25 15:23
500-265351-17	R32S	Water	03/24/25 14:11	03/24/25 15:23
500-265351-18	G44S	Water	03/26/25 09:34	03/26/25 15:45
500-265351-19	G39S	Water	03/26/25 10:34	03/26/25 15:45
500-265351-20	G39S DUP	Water	03/26/25 10:34	03/26/25 15:45
500-265351-21	G45S	Water	03/26/25 11:38	03/26/25 15:45
500-265351-22	G48S	Water	03/26/25 13:25	03/26/25 15:45
500-265351-23	G47S	Water	03/26/25 14:43	03/26/25 15:45

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T09S

Lab Sample ID: 500-265351-1

Date Collected: 03/17/25 12:28

Matrix: Water

Date Received: 03/17/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.25		0.279	0.301	1.00	0.206	pCi/L	03/20/25 08:25	04/17/25 08:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					03/20/25 08:25	04/17/25 08:15	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	<0.618	U	0.372	0.373	1.00	0.618	pCi/L	03/20/25 08:29	04/15/25 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					03/20/25 08:29	04/15/25 12:19	1
Y Carrier	83.7		30 - 110					03/20/25 08:29	04/15/25 12:19	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.55		0.465	0.479	5.00	0.618	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T06S

Lab Sample ID: 500-265351-2

Date Collected: 03/17/25 14:18

Matrix: Water

Date Received: 03/17/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.10		0.255	0.274	1.00	0.189	pCi/L	03/20/25 08:25	04/17/25 08:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					03/20/25 08:25	04/17/25 08:15	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	<0.571	U	0.324	0.325	1.00	0.571	pCi/L	03/20/25 08:29	04/15/25 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					03/20/25 08:29	04/15/25 12:19	1
Y Carrier	86.7		30 - 110					03/20/25 08:29	04/15/25 12:19	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	1.21		0.412	0.425	5.00	0.571	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T02S

Lab Sample ID: 500-265351-3

Date Collected: 03/18/25 10:44

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.796		0.327	0.335	1.00	0.348	pCi/L	03/21/25 07:42	04/18/25 05:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					03/21/25 07:42	04/18/25 05:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.673	U	0.421	0.423	1.00	0.673	pCi/L	03/21/25 07:46	04/17/25 14:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					03/21/25 07:46	04/17/25 14:33	1
Y Carrier	86.0		30 - 110					03/21/25 07:46	04/17/25 14:33	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	1.23		0.533	0.540	5.00	0.673	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T08S

Lab Sample ID: 500-265351-4

Date Collected: 03/18/25 12:29

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.450		0.232	0.235	1.00	0.271	pCi/L	03/21/25 07:42	04/18/25 05:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					03/21/25 07:42	04/18/25 05:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.714	U	0.421	0.422	1.00	0.714	pCi/L	03/21/25 07:46	04/17/25 14:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					03/21/25 07:46	04/17/25 14:34	1
Y Carrier	77.4		30 - 110					03/21/25 07:46	04/17/25 14:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.723		0.481	0.483	5.00	0.714	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T05S

Lab Sample ID: 500-265351-5

Date Collected: 03/18/25 14:21

Matrix: Water

Date Received: 03/18/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.364		0.211	0.213	1.00	0.261	pCi/L	03/21/25 07:42	04/18/25 05:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					03/21/25 07:42	04/18/25 05:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.723	U	0.448	0.450	1.00	0.723	pCi/L	03/21/25 07:46	04/17/25 14:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					03/21/25 07:46	04/17/25 14:34	1
Y Carrier	77.8		30 - 110					03/21/25 07:46	04/17/25 14:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.816		0.495	0.498	5.00	0.723	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T01S

Lab Sample ID: 500-265351-6

Date Collected: 03/19/25 11:02

Matrix: Water

Date Received: 03/19/25 15:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.26		0.467	0.480	1.00	0.500	pCi/L	03/25/25 08:58	04/21/25 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					03/25/25 08:58	04/21/25 09:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.18	G	0.960	0.981	1.00	1.30	pCi/L	03/25/25 09:01	04/19/25 12:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					03/25/25 09:01	04/19/25 12:12	1
Y Carrier	79.6		30 - 110					03/25/25 09:01	04/19/25 12:12	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.44		1.07	1.09	5.00	1.30	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T11S

Lab Sample ID: 500-265351-7

Date Collected: 03/19/25 13:47

Matrix: Water

Date Received: 03/19/25 15:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.328	U	0.234	0.236	1.00	0.328	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.884		0.421	0.428	1.00	0.564	pCi/L	03/25/25 09:09	04/21/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					03/25/25 09:09	04/21/25 11:56	1
Y Carrier	82.2		30 - 110					03/25/25 09:09	04/21/25 11:56	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.20		0.482	0.489	5.00	0.564	pCi/L		04/22/25 15:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G31S

Lab Sample ID: 500-265351-8

Date Collected: 03/20/25 10:39

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.36		0.393	0.412	1.00	0.342	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.480	0.496	1.00	0.575	pCi/L	03/25/25 09:09	04/21/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					03/25/25 09:09	04/21/25 11:56	1
Y Carrier	80.7		30 - 110					03/25/25 09:09	04/21/25 11:56	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.73		0.620	0.645	5.00	0.575	pCi/L		04/22/25 15:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G33S

Lab Sample ID: 500-265351-9

Date Collected: 03/20/25 11:33

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.594	U	0.336	0.336	1.00	0.594	pCi/L	03/25/25 09:03	04/21/25 18:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	61.1		30 - 110					03/25/25 09:03	04/21/25 18:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<1.03	U G	0.581	0.582	1.00	1.03	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	61.1		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	79.3		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<1.03	U	0.671	0.672	5.00	1.03	pCi/L		04/22/25 15:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T13S

Lab Sample ID: 500-265351-10

Date Collected: 03/20/25 12:37

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.469		0.259	0.263	1.00	0.336	pCi/L	03/25/25 09:03	04/21/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/25/25 09:03	04/21/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.472	U	0.313	0.315	1.00	0.472	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	81.1		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.892		0.406	0.410	5.00	0.472	pCi/L		04/22/25 15:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T12S

Lab Sample ID: 500-265351-11

Date Collected: 03/20/25 13:33

Matrix: Water

Date Received: 03/20/25 14:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.908		0.356	0.365	1.00	0.403	pCi/L	03/25/25 09:03	04/21/25 18:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					03/25/25 09:03	04/21/25 18:16	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	0.755		0.400	0.406	1.00	0.556	pCi/L	03/25/25 09:09	04/21/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					03/25/25 09:09	04/21/25 11:57	1
Y Carrier	80.7		30 - 110					03/25/25 09:09	04/21/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.66		0.535	0.546	5.00	0.556	pCi/L		04/22/25 15:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G30S

Lab Sample ID: 500-265351-12

Date Collected: 03/21/25 10:38

Matrix: Water

Date Received: 03/21/25 15:56

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	1.00		0.304	0.317	1.00	0.255	pCi/L	03/26/25 08:04	04/21/25 21:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/26/25 08:04	04/21/25 21:28	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	0.705		0.367	0.373	1.00	0.520	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	83.0		30 - 110					03/26/25 08:07	04/21/25 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	1.71		0.477	0.490	5.00	0.520	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G20S

Lab Sample ID: 500-265351-13

Date Collected: 03/21/25 13:20

Matrix: Water

Date Received: 03/21/25 15:56

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	1.09		0.332	0.346	1.00	0.302	pCi/L	03/26/25 08:04	04/21/25 21:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					03/26/25 08:04	04/21/25 21:28	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	1.17		0.414	0.428	1.00	0.504	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	82.6		30 - 110					03/26/25 08:07	04/21/25 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	2.26		0.531	0.550	5.00	0.504	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: R08S

Lab Sample ID: 500-265351-14

Date Collected: 03/24/25 10:57

Matrix: Water

Date Received: 03/24/25 15:23

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		0.316	0.321	1.00	0.410	pCi/L	03/26/25 08:04	04/21/25 21:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					03/26/25 08:04	04/21/25 21:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.817		0.405	0.412	1.00	0.561	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	81.5		30 - 110					03/26/25 08:07	04/21/25 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	1.47		0.514	0.522	5.00	0.561	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G46S

Lab Sample ID: 500-265351-15

Date Collected: 03/24/25 11:55

Matrix: Water

Date Received: 03/24/25 15:23

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	1.44		0.365	0.388	1.00	0.276	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					03/26/25 08:04	04/21/25 21:47	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	0.743		0.390	0.396	1.00	0.551	pCi/L	03/26/25 08:07	04/21/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					03/26/25 08:07	04/21/25 11:53	1
Y Carrier	81.5		30 - 110					03/26/25 08:07	04/21/25 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	2.18		0.534	0.554	5.00	0.551	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T03S

Lab Sample ID: 500-265351-16

Date Collected: 03/24/25 13:15

Matrix: Water

Date Received: 03/24/25 15:23

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	0.762		0.282	0.290	1.00	0.279	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/26/25 08:04	04/21/25 21:47	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	<0.501	U	0.339	0.342	1.00	0.501	pCi/L	03/26/25 08:07	04/21/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/26/25 08:07	04/21/25 11:54	1
Y Carrier	80.4		30 - 110					03/26/25 08:07	04/21/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.25		0.441	0.448	5.00	0.501	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: R32S

Lab Sample ID: 500-265351-17

Date Collected: 03/24/25 14:11

Matrix: Water

Date Received: 03/24/25 15:23

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	0.700		0.281	0.288	1.00	0.301	pCi/L	03/26/25 08:04	04/21/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					03/26/25 08:04	04/21/25 21:47	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	<0.515	U	0.346	0.349	1.00	0.515	pCi/L	03/26/25 08:07	04/21/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					03/26/25 08:07	04/21/25 11:54	1
Y Carrier	79.6		30 - 110					03/26/25 08:07	04/21/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.20		0.446	0.452	5.00	0.515	pCi/L		04/22/25 14:11	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G44S

Lab Sample ID: 500-265351-18

Date Collected: 03/26/25 09:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.457		0.251	0.255	1.00	0.321	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/31/25 07:39	04/23/25 21:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.735	U	0.442	0.444	1.00	0.735	pCi/L	03/31/25 07:42	04/23/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					03/31/25 07:42	04/23/25 14:08	1
Y Carrier	74.4		30 - 110					03/31/25 07:42	04/23/25 14:08	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	0.806		0.508	0.512	5.00	0.735	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G39S

Lab Sample ID: 500-265351-19

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.385	U	0.265	0.268	1.00	0.385	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					03/31/25 07:39	04/23/25 21:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.643	U	0.413	0.416	1.00	0.643	pCi/L	03/31/25 07:42	04/23/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					03/31/25 07:42	04/23/25 14:08	1
Y Carrier	73.6		30 - 110					03/31/25 07:42	04/23/25 14:08	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	0.885		0.491	0.495	5.00	0.643	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G39S DUP

Lab Sample ID: 500-265351-20

Date Collected: 03/26/25 10:34

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.452		0.246	0.250	1.00	0.315	pCi/L	03/31/25 07:39	04/23/25 21:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					03/31/25 07:39	04/23/25 21:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.572	U	0.328	0.329	1.00	0.572	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	79.3		30 - 110					03/31/25 07:42	04/23/25 14:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.603		0.410	0.413	5.00	0.572	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G45S

Lab Sample ID: 500-265351-21

Date Collected: 03/26/25 11:38

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.30		0.355	0.374	1.00	0.286	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/31/25 07:39	04/23/25 22:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.597	U	0.367	0.369	1.00	0.597	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	74.4		30 - 110					03/31/25 07:42	04/23/25 14:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.64		0.511	0.525	5.00	0.597	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G48S

Lab Sample ID: 500-265351-22

Date Collected: 03/26/25 13:25

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.03		0.336	0.348	1.00	0.322	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					03/31/25 07:39	04/23/25 22:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.595	U	0.344	0.345	1.00	0.595	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	76.3		30 - 110					03/31/25 07:42	04/23/25 14:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.22		0.481	0.490	5.00	0.595	pCi/L		04/24/25 16:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G47S

Lab Sample ID: 500-265351-23

Date Collected: 03/26/25 14:43

Matrix: Water

Date Received: 03/26/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.546		0.277	0.281	1.00	0.355	pCi/L	03/31/25 07:39	04/23/25 22:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.8		30 - 110					03/31/25 07:39	04/23/25 22:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.473	U	0.286	0.287	1.00	0.473	pCi/L	03/31/25 07:42	04/23/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.8		30 - 110					03/31/25 07:42	04/23/25 14:09	1
Y Carrier	80.7		30 - 110					03/31/25 07:42	04/23/25 14:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.782		0.398	0.402	5.00	0.473	pCi/L		04/24/25 16:53	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Qualifiers

Rad

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

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Rad

Prep Batch: 708650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	PrecSep-21	
500-265351-2	T06S	Total/NA	Water	PrecSep-21	
MB 160-708650/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-708650/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 708651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-1	T09S	Total/NA	Water	PrecSep_0	
500-265351-2	T06S	Total/NA	Water	PrecSep_0	
MB 160-708651/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-708651/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 708739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	PrecSep-21	
500-265351-4	T08S	Total/NA	Water	PrecSep-21	
500-265351-5	T05S	Total/NA	Water	PrecSep-21	
MB 160-708739/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-708739/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 708741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-3	T02S	Total/NA	Water	PrecSep_0	
500-265351-4	T08S	Total/NA	Water	PrecSep_0	
500-265351-5	T05S	Total/NA	Water	PrecSep_0	
MB 160-708741/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-708741/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	PrecSep-21	
MB 160-709210/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709210/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 709211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-6	T01S	Total/NA	Water	PrecSep_0	
MB 160-709211/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709211/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-7	T11S	Total/NA	Water	PrecSep-21	
500-265351-8	G31S	Total/NA	Water	PrecSep-21	
500-265351-9	G33S	Total/NA	Water	PrecSep-21	
500-265351-10	T13S	Total/NA	Water	PrecSep-21	
500-265351-11	T12S	Total/NA	Water	PrecSep-21	
MB 160-709212/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709212/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Rad

Prep Batch: 709213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-7	T11S	Total/NA	Water	PrecSep_0	
500-265351-8	G31S	Total/NA	Water	PrecSep_0	
500-265351-9	G33S	Total/NA	Water	PrecSep_0	
500-265351-10	T13S	Total/NA	Water	PrecSep_0	
500-265351-11	T12S	Total/NA	Water	PrecSep_0	
MB 160-709213/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709213/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	PrecSep-21	
500-265351-13	G20S	Total/NA	Water	PrecSep-21	
500-265351-14	R08S	Total/NA	Water	PrecSep-21	
500-265351-15	G46S	Total/NA	Water	PrecSep-21	
500-265351-16	T03S	Total/NA	Water	PrecSep-21	
500-265351-17	R32S	Total/NA	Water	PrecSep-21	
MB 160-709347/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709347/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 709351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-12	G30S	Total/NA	Water	PrecSep_0	
500-265351-13	G20S	Total/NA	Water	PrecSep_0	
500-265351-14	R08S	Total/NA	Water	PrecSep_0	
500-265351-15	G46S	Total/NA	Water	PrecSep_0	
500-265351-16	T03S	Total/NA	Water	PrecSep_0	
500-265351-17	R32S	Total/NA	Water	PrecSep_0	
MB 160-709351/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709351/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 709943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	PrecSep-21	
500-265351-19	G39S	Total/NA	Water	PrecSep-21	
500-265351-20	G39S DUP	Total/NA	Water	PrecSep-21	
500-265351-21	G45S	Total/NA	Water	PrecSep-21	
500-265351-22	G48S	Total/NA	Water	PrecSep-21	
500-265351-23	G47S	Total/NA	Water	PrecSep-21	
MB 160-709943/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709943/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-265351-23 DU	G47S	Total/NA	Water	PrecSep-21	

Prep Batch: 709944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-265351-18	G44S	Total/NA	Water	PrecSep_0	
500-265351-19	G39S	Total/NA	Water	PrecSep_0	
500-265351-20	G39S DUP	Total/NA	Water	PrecSep_0	
500-265351-21	G45S	Total/NA	Water	PrecSep_0	
500-265351-22	G48S	Total/NA	Water	PrecSep_0	
500-265351-23	G47S	Total/NA	Water	PrecSep_0	
MB 160-709944/1-A	Method Blank	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Rad (Continued)

Prep Batch: 709944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-709944/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-265351-23 DU	G47S	Total/NA	Water	PrecSep_0	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 12
- 13
- 14

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-708650/1-A

Matrix: Water

Analysis Batch: 712581

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 708650

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.342	U	0.184	0.184	1.00	0.342	pCi/L	03/20/25 08:25	04/15/25 19:45	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					03/20/25 08:25	04/15/25 19:45	1

Lab Sample ID: LCS 160-708650/2-A

Matrix: Water

Analysis Batch: 712581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 708650

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.101		1.21	1.00	0.329	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	90.9		30 - 110							

Lab Sample ID: MB 160-708739/1-A

Matrix: Water

Analysis Batch: 712862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 708739

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.292	U	0.118	0.118	1.00	0.292	pCi/L	03/21/25 07:42	04/17/25 21:39	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					03/21/25 07:42	04/17/25 21:39	1

Lab Sample ID: LCS 160-708739/2-A

Matrix: Water

Analysis Batch: 712862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 708739

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.146		1.11	1.00	0.295	pCi/L	85	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	92.2		30 - 110							

Lab Sample ID: MB 160-709210/1-A

Matrix: Water

Analysis Batch: 713556

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 709210

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.174	U	0.0825	0.0825	1.00	0.174	pCi/L	03/25/25 08:58	04/21/25 08:05	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Lab Sample ID: MB 160-709210/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709210

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110	03/25/25 08:58	04/21/25 08:05	1

Lab Sample ID: LCS 160-709210/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709210

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.923		1.09	1.00	0.171	pCi/L	93	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.6		30 - 110

Lab Sample ID: MB 160-709212/1-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709212

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.382	U	0.201	0.201	1.00	0.382	pCi/L	03/25/25 09:03	04/21/25 18:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	106		30 - 110	03/25/25 09:03	04/21/25 18:03	1

Lab Sample ID: LCS 160-709212/2-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709212

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.353		1.25	1.00	0.307	pCi/L	98	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.3		30 - 110

Lab Sample ID: MB 160-709347/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709347

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.344	U	0.149	0.149	1.00	0.344	pCi/L	03/26/25 08:04	04/21/25 21:36	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110	03/26/25 08:04	04/21/25 21:36	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709347/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709347

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.915		1.20	1.00	0.274	pCi/L	93	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							

Lab Sample ID: MB 160-709943/1-A
Matrix: Water
Analysis Batch: 713902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709943

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.302	U	0.182	0.183	1.00	0.302	pCi/L	03/31/25 07:39	04/23/25 21:50	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.6		30 - 110					03/31/25 07:39	04/23/25 21:50	1

Lab Sample ID: LCS 160-709943/2-A
Matrix: Water
Analysis Batch: 713902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709943

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.070		1.21	1.00	0.297	pCi/L	95	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							

Lab Sample ID: 500-265351-23 DU
Matrix: Water
Analysis Batch: 713901

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 709943

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.546		0.8872		0.357	1.00	0.394	pCi/L	0.53	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.9		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-708651/1-A
Matrix: Water
Analysis Batch: 712607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708651

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.576	U	0.319	0.319	1.00	0.576	pCi/L	03/20/25 08:29	04/15/25 12:23	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	03/20/25 08:29	04/15/25 12:23	1
Y Carrier	80.4		30 - 110	03/20/25 08:29	04/15/25 12:23	1

Lab Sample ID: LCS 160-708651/2-A
Matrix: Water
Analysis Batch: 712607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708651

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.54	10.31		1.40	1.00	0.538	pCi/L	108	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.9		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: MB 160-708741/1-A
Matrix: Water
Analysis Batch: 712862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708741

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.526	U	0.319	0.320	1.00	0.526	pCi/L	03/21/25 07:46	04/17/25 14:13	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	92.7		30 - 110
Y Carrier	83.0		30 - 110

Lab Sample ID: LCS 160-708741/2-A
Matrix: Water
Analysis Batch: 712862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708741

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.53	9.786		1.32	1.00	0.513	pCi/L	103	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	92.2		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: MB 160-709211/1-A
Matrix: Water
Analysis Batch: 713336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709211

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.590	U	0.289	0.290	1.00	0.590	pCi/L	03/25/25 09:01	04/19/25 12:18	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	90.0		30 - 110
Y Carrier	78.1		30 - 110

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709211/2-A
Matrix: Water
Analysis Batch: 713336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709211

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	10.15		1.37	1.00	0.601	pCi/L	107	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							
Y Carrier	82.2		30 - 110							

Lab Sample ID: MB 160-709213/1-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709213

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.478	U	0.271	0.271	1.00	0.478	pCi/L	03/25/25 09:09	04/21/25 11:56	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	106		30 - 110							
Y Carrier	79.3		30 - 110							
								Prepared	Analyzed	Dil Fac
								03/25/25 09:09	04/21/25 11:56	1
								03/25/25 09:09	04/21/25 11:56	1

Lab Sample ID: LCS 160-709213/2-A
Matrix: Water
Analysis Batch: 713626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709213

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	9.805		1.35	1.00	0.526	pCi/L	103	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.3		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: MB 160-709351/1-A
Matrix: Water
Analysis Batch: 713557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709351

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.558	U	0.313	0.313	1.00	0.558	pCi/L	03/26/25 08:07	04/21/25 11:53	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	93.6		30 - 110							
Y Carrier	83.7		30 - 110							
								Prepared	Analyzed	Dil Fac
								03/26/25 08:07	04/21/25 11:53	1
								03/26/25 08:07	04/21/25 11:53	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Lab Sample ID: LCS 160-709351/2-A
Matrix: Water
Analysis Batch: 713557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709351

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.52	9.724		1.34	1.00	0.548	pCi/L	102	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	84.6		30 - 110							
Y Carrier	81.9		30 - 110							

Lab Sample ID: MB 160-709944/1-A
Matrix: Water
Analysis Batch: 713893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709944

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.588	U	0.320	0.320	1.00	0.588	pCi/L	03/31/25 07:42	04/23/25 14:08	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	94.6		30 - 110							
Y Carrier	80.0		30 - 110							
								Prepared	Analyzed	Dil Fac
								03/31/25 07:42	04/23/25 14:08	1
								03/31/25 07:42	04/23/25 14:08	1

Lab Sample ID: LCS 160-709944/2-A
Matrix: Water
Analysis Batch: 713893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709944

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.51	11.79		1.55	1.00	0.600	pCi/L	124	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: 500-265351-23 DU
Matrix: Water
Analysis Batch: 713893

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 709944

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	<0.473	U	<0.612	U	0.333	1.00	0.612	pCi/L	0.27	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.9		30 - 110							
Y Carrier	75.1		30 - 110							

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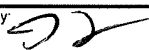
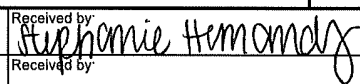
Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Noe Lopez</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-135040-50642 2	
Client Contact: James Thorne		Phone		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin		Page: ~~2 of 3~~	
Company: Midwest Generation EME LLC		PWSID		Analysis:  500-265351 COC		Job #: <i>500-265351</i>		Preservation Codes: D - HNO3, N - None	
Address: 1800 Channahon Road		Due Date Requested		TAT Requested (days)		Compliance Project: ☐ Yes ☐ No		PO #: 4502187984	
City: Joliet		State, Zip: IL, 60436		Phone:		Email: james.thorne@nrg.com		Project Name: Joliet #9 CCR	
Site: Illinois		Project #: 50011504		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
Preservation Code:		D		D		D		D	
18 ~~G34S~~		G44S		03/26/25		0934		Water	
19 ~~G33S~~		G39S		03/26/25		1034		Water	
20 ~~T01S~~		DUPE of G39S		03/26/25		1034		Water	
21 ~~T02S~~		G45S		03/26/25		1138		Water	
22 ~~T04S~~		G48S		03/26/25		1325		Water	
23 ~~T05S~~		G47S		03/26/25		1443		Water	
~~T06S~~								Water	
~~T08S~~								Water	
~~T09S~~								Water	
~~T12S~~								Water	
~~T13S~~								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		Special Instructions/QC Requirements	
Deliverable Requested I, II, III, IV, Other (specify)		Empty Kit Relinquished by		Date		Time		Method of Shipment	
Relinquished by: 		Date/Time: 03/26/25 1545		Company: EETA		Received by: 		Date/Time: 3/26/25 1545	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 1.8-1.5, 3.6-3.5					

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Chain of Custody Record

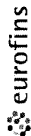


Environment Testing

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Chain of Custody Record



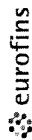
Environment Testing

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Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:							
Client Contact:		N/A	N/A	N/A	500-199379.1							
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page: 1 of 1							
Company:		N/A	Diana.Mockler@et.eurofins.com	Illinois	Job #:							
TestAmerica Laboratories, Inc.		Accreditations Required (See note):			500-265351-1							
Address:		NELAP - Illinois			Preservation Codes:							
13715 Rider Trail North,		Due Date Requested:										
City:		4/7/2025										
Earth City		TAT Requested (days):										
State Zip:		N/A										
MO, 63045												
Phone:		PO #:										
314-298-8566(Tel) 314-298-8757(Fax)		N/A										
Email:		WO #:										
N/A		N/A										
Project Name:		Project #:										
Joliet #9 (Quarry) CCR		50011504										
Site:		SSOW#:										
NRG Midwest Generation LSO Joliet #9 CCR		N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, AS=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	93.0/PrecSep, 21 Standard Target List	94.0/PrecSep, 0 Standard Target List	Analysis Requested	Total Number of Containers	Special Instructions/Note:
R08S (500-265351-14)		3/24/25	10:57 Central	G	Water			X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G46S (500-265351-15)		3/24/25	11:55 Central	G	Water			X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
T03S (500-265351-16)		3/24/25	13:15 Central	G	Water			X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
R32S (500-265351-17)		3/24/25	14:11 Central	G	Water			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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.												
Possible Hazard Identification												
Unconfirmed												
Deliverable Requested: I, II, III, IV, Other (specify)												
Primary Deliverable Rank: 2												
Special Instructions/QC Requirements:												
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)												
Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months												
Empty Kit Relinquished by:												
Date/Time: 3/24/25 1535												
Relinquished by: M. Pinetta												
Date/Time: 3/25/25 0845												
Relinquished by: Meadow Pinette												
Date/Time:												
Relinquished by:												
Date/Time:												
Custody Seals Intact: Custody Seal No.:												
Cooler Temperature(s) °C and Other Remarks:												



Client Information (Sub Contract Lab)				Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:							
Client Contact				Phone:	Mockler, Diana J	N/A	500-199436.1							
Shipping/Receiving				Phone:	E-Mail:	State of Origin:	Page:							
Company:				N/A	Diana.Mockler@et.eurofinsus.com	Illinois	Page 1 of 1							
TestAmerica Laboratories, Inc.				Accreditations Required (See note):										
Address:				NELAP - Illinois										
City:				Accreditations Required (See note):										
Earth City				NELAP - Illinois										
State, Zip:				Accreditations Required (See note):										
MO, 63045				NELAP - Illinois										
Phone:				Accreditations Required (See note):										
314-298-8566(Tel) 314-298-8757(Fax)				NELAP - Illinois										
Email:				Accreditations Required (See note):										
N/A				NELAP - Illinois										
Project Name:				Accreditations Required (See note):										
Joliet #9 (Quarry) CCR (RAD)				NELAP - Illinois										
Site:				Accreditations Required (See note):										
NRG Midwest Generation LSQ Joliet #9 CCR				NELAP - Illinois										
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Snow, Ice, Overstall, BT-Tissue, AVAL)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 Standard Target List	904.0/PreSep_0 Standard Target List	Ra226Ra228_GFPc	Total Number of Containers	Special Instructions/Note:
G44S (500-265351-18)	3/26/25	09:34 Central	G	Water						X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G39S (500-265351-19)	3/26/25	10:34 Central	G	Water						X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G39S DUP (500-265351-20)	3/26/25	10:34 Central	G	Water						X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G45S (500-265351-21)	3/26/25	11:38 Central	G	Water						X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G48S (500-265351-22)	3/26/25	13:25 Central	G	Water						X	X		3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;
G47S (500-265351-23)	3/26/25	14:43 Central	G	Water						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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.														
Possible Hazard Identification														
Unconfirmed														
Deliverable Requested: I, II, III, IV, Other (specify)														
Primary Deliverable Rank: 2														
Empty Kit Relinquished by:														
Relinquished by:														
Relinquished by:														
Relinquished by:														
Custody Seals Intact:														
A Yes A No														
Custody Seal No.:														

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

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	1.9,1.6,0.8,0.6,-0.6,1.5,3.5 Samples not frozen,0.1
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.

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/19/25 12:31 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/20/25 11:37 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/21/25 12:14 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 03/24/25 12:03 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 6

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 03/25/25 09:52 AM

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

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

Eurofins Chicago



Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-265351-2

Login Number: 265351

List Number: 7

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 03/28/25 11:49 AM

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

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T09S

Date Collected: 03/17/25 12:28

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708650	OGC	EET SL	03/20/25 08:25
Total/NA	Analysis	903.0		1	712876	SWS	EET SL	04/17/25 08:15
Total/NA	Prep	PrecSep_0			708651	OGC	EET SL	03/20/25 08:29
Total/NA	Analysis	904.0		1	712581	CMM	EET SL	04/15/25 12:19
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T06S

Date Collected: 03/17/25 14:18

Date Received: 03/17/25 16:00

Lab Sample ID: 500-265351-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708650	OGC	EET SL	03/20/25 08:25
Total/NA	Analysis	903.0		1	712876	SWS	EET SL	04/17/25 08:15
Total/NA	Prep	PrecSep_0			708651	OGC	EET SL	03/20/25 08:29
Total/NA	Analysis	904.0		1	712581	CMM	EET SL	04/15/25 12:19
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T02S

Date Collected: 03/18/25 10:44

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:55
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:33
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T08S

Date Collected: 03/18/25 12:29

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:55
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:34
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: T05S

Date Collected: 03/18/25 14:21

Date Received: 03/18/25 16:00

Lab Sample ID: 500-265351-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			708739	MLT	EET SL	03/21/25 07:42
Total/NA	Analysis	903.0		1	713073	FLC	EET SL	04/18/25 05:56
Total/NA	Prep	PrecSep_0			708741	MLT	EET SL	03/21/25 07:46
Total/NA	Analysis	904.0		1	712865	SWS	EET SL	04/17/25 14:34
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T01S

Date Collected: 03/19/25 11:02

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709210	OGC	EET SL	03/25/25 08:58
Total/NA	Analysis	903.0		1	713556	SWS	EET SL	04/21/25 09:52
Total/NA	Prep	PrecSep_0			709211	OGC	EET SL	03/25/25 09:01
Total/NA	Analysis	904.0		1	713226	SWS	EET SL	04/19/25 12:12
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: T11S

Date Collected: 03/19/25 13:47

Date Received: 03/19/25 15:25

Lab Sample ID: 500-265351-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: G31S

Date Collected: 03/20/25 10:39

Date Received: 03/20/25 14:45

Lab Sample ID: 500-265351-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G33S

Lab Sample ID: 500-265351-9

Date Collected: 03/20/25 11:33

Matrix: Water

Date Received: 03/20/25 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:05
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: T13S

Lab Sample ID: 500-265351-10

Date Collected: 03/20/25 12:37

Matrix: Water

Date Received: 03/20/25 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 18:06
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: T12S

Lab Sample ID: 500-265351-11

Date Collected: 03/20/25 13:33

Matrix: Water

Date Received: 03/20/25 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709212	OGC	EET SL	03/25/25 09:03
Total/NA	Analysis	903.0		1	713556	SWS	EET SL	04/21/25 18:16
Total/NA	Prep	PrecSep_0			709213	OGC	EET SL	03/25/25 09:09
Total/NA	Analysis	904.0		1	713626	SWS	EET SL	04/21/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	713870	SCB	EET SL	04/22/25 15:10

Client Sample ID: G30S

Lab Sample ID: 500-265351-12

Date Collected: 03/21/25 10:38

Matrix: Water

Date Received: 03/21/25 15:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:28
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G20S

Date Collected: 03/21/25 13:20

Date Received: 03/21/25 15:56

Lab Sample ID: 500-265351-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:28
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: R08S

Date Collected: 03/24/25 10:57

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:46
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: G46S

Date Collected: 03/24/25 11:55

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: T03S

Date Collected: 03/24/25 13:15

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: R32S

Date Collected: 03/24/25 14:11

Date Received: 03/24/25 15:23

Lab Sample ID: 500-265351-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709347	OGC	EET SL	03/26/25 08:04
Total/NA	Analysis	903.0		1	713626	SWS	EET SL	04/21/25 21:47
Total/NA	Prep	PrecSep_0			709351	OGC	EET SL	03/26/25 08:07
Total/NA	Analysis	904.0		1	713557	SWS	EET SL	04/21/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	713866	SCB	EET SL	04/22/25 14:11

Client Sample ID: G44S

Date Collected: 03/26/25 09:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:08
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G39S

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:08
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G39S DUP

Date Collected: 03/26/25 10:34

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713902	SWS	EET SL	04/23/25 21:51
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Client Sample ID: G45S

Date Collected: 03/26/25 11:38

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G48S

Date Collected: 03/26/25 13:25

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

Client Sample ID: G47S

Date Collected: 03/26/25 14:43

Date Received: 03/26/25 15:45

Lab Sample ID: 500-265351-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			709943	OGC	EET SL	03/31/25 07:39
Total/NA	Analysis	903.0		1	713901	SWS	EET SL	04/23/25 22:46
Total/NA	Prep	PrecSep_0			709944	OGC	EET SL	03/31/25 07:42
Total/NA	Analysis	904.0		1	713893	SWS	EET SL	04/23/25 14:09
Total/NA	Analysis	Ra226_Ra228		1	714315	CAH	EET SL	04/24/25 16:53

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: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25
Connecticut	State	PH-0241	03-31-25 *
Florida	NELAP	E87689	06-30-25
HI - RadChem Recognition	State	n/a	06-30-25
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-25
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-25
MI - RadChem Recognition	State	9005	06-30-25
Missouri	State	780	06-30-25
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-25
New Mexico	State	MO00054	06-30-25
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	07-31-25
North Dakota	State	R-207	06-30-25
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-25
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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)			
500-265351-1	T09S	89.1			
500-265351-2	T06S	93.5			
500-265351-3	T02S	90.5			
500-265351-4	T08S	80.2			
500-265351-5	T05S	81.7			
500-265351-6	T01S	78.2			
500-265351-7	T11S	78.7			
500-265351-8	G31S	83.1			
500-265351-9	G33S	61.1			
500-265351-10	T13S	93.9			
500-265351-11	T12S	85.8			
500-265351-12	G30S	97.1			
500-265351-13	G20S	92.2			
500-265351-14	R08S	88.8			
500-265351-15	G46S	91.4			
500-265351-16	T03S	89.0			
500-265351-17	R32S	89.5			
500-265351-18	G44S	89.0			
500-265351-19	G39S	87.8			
500-265351-20	G39S DUP	95.4			
500-265351-21	G45S	93.9			
500-265351-22	G48S	90.0			
500-265351-23	G47S	97.8			
500-265351-23 DU	G47S	82.9			
LCS 160-708650/2-A	Lab Control Sample	90.9			
LCS 160-708739/2-A	Lab Control Sample	92.2			
LCS 160-709210/2-A	Lab Control Sample	84.6			
LCS 160-709212/2-A	Lab Control Sample	87.3			
LCS 160-709347/2-A	Lab Control Sample	84.6			
LCS 160-709943/2-A	Lab Control Sample	87.8			
MB 160-708650/1-A	Method Blank	89.6			
MB 160-708739/1-A	Method Blank	92.7			
MB 160-709210/1-A	Method Blank	90.0			
MB 160-709212/1-A	Method Blank	106			
MB 160-709347/1-A	Method Blank	93.6			
MB 160-709943/1-A	Method Blank	94.6			

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)		
500-265351-1	T09S	89.1	83.7		
500-265351-2	T06S	93.5	86.7		
500-265351-3	T02S	90.5	86.0		
500-265351-4	T08S	80.2	77.4		

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR (RAD)

Job ID: 500-265351-2

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-265351-5	T05S	81.7	77.8
500-265351-6	T01S	78.2	79.6
500-265351-7	T11S	78.7	82.2
500-265351-8	G31S	83.1	80.7
500-265351-9	G33S	61.1	79.3
500-265351-10	T13S	93.9	81.1
500-265351-11	T12S	85.8	80.7
500-265351-12	G30S	97.1	83.0
500-265351-13	G20S	92.2	82.6
500-265351-14	R08S	88.8	81.5
500-265351-15	G46S	91.4	81.5
500-265351-16	T03S	89.0	80.4
500-265351-17	R32S	89.5	79.6
500-265351-18	G44S	89.0	74.4
500-265351-19	G39S	87.8	73.6
500-265351-20	G39S DUP	95.4	79.3
500-265351-21	G45S	93.9	74.4
500-265351-22	G48S	90.0	76.3
500-265351-23	G47S	97.8	80.7
500-265351-23 DU	G47S	82.9	75.1
LCS 160-708651/2-A	Lab Control Sample	90.9	80.0
LCS 160-708741/2-A	Lab Control Sample	92.2	83.4
LCS 160-709211/2-A	Lab Control Sample	84.6	82.2
LCS 160-709213/2-A	Lab Control Sample	87.3	80.7
LCS 160-709351/2-A	Lab Control Sample	84.6	81.9
LCS 160-709944/2-A	Lab Control Sample	87.8	80.7
MB 160-708651/1-A	Method Blank	89.6	80.4
MB 160-708741/1-A	Method Blank	92.7	83.0
MB 160-709211/1-A	Method Blank	90.0	78.1
MB 160-709213/1-A	Method Blank	106	79.3
MB 160-709351/1-A	Method Blank	93.6	83.7
MB 160-709944/1-A	Method Blank	94.6	80.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/27/2025 8:04:01 AM

JOB DESCRIPTION

Joliet #9 CCR 2Q25

JOB NUMBER

500-269641-1

Eurofins Chicago

Job Notes

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

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

Authorization



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Job ID: 500-269641-1

Eurofins Chicago

Job Narrative 500-269641-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/9/2025 2:34 PM, 6/10/2025 3:45 PM, 6/11/2025 3:14 PM, 6/12/2025 3:35 PM, 6/13/2025 3:14 PM, 6/16/2025 3:23 PM, 6/17/2025 3:10 PM, 6/18/2025 1:55 PM and 6/19/2025 12:57 PM. 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 0.9°C, 0.9°C, 1.8°C, 1.8°C, 2.3°C, 2.3°C, 2.5°C and 3.1°C.

Metals

Method 6020B - Total Recoverable: The linear range check (LRC) recovered outside of control limits for Beryllium and Cobalt. Sample results are within the high calibration standard for the affected analytes, therefore data has been qualified and reported.

G31S (500-269641-1) and G33S (500-269641-2)

Method 6020B - Total Recoverable: The linear range check (LRC) recovered outside of control limits for Lithium. Sample results are within the high calibration standard for the affected analyte. Data has been qualified and reported.
G31S (500-269641-1)

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: T05S (500-269641-5). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: T01S (500-269641-22). The reporting limits (RLs) have been adjusted proportionately.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: G30S (500-269641-6), G46S (500-269641-10), R08S (500-269641-12), G48S (500-269641-13), G47S (500-269641-14), T02S (500-269641-18), T08S (500-269641-19) and T12S (500-269641-23). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-822884 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Field Service / Mobile Lab

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-269641-1	G31S	Water	06/09/25 11:26	06/09/25 14:34
500-269641-2	G33S	Water	06/09/25 13:04	06/09/25 14:34
500-269641-3	T09S	Water	06/10/25 10:17	06/10/25 15:45
500-269641-4	T06S	Water	06/10/25 12:03	06/10/25 15:45
500-269641-5	T05S	Water	06/10/25 14:11	06/10/25 15:45
500-269641-6	G30S	Water	06/11/25 10:23	06/11/25 15:14
500-269641-7	G20S	Water	06/11/25 12:25	06/11/25 15:14
500-269641-8	G44S	Water	06/12/25 10:44	06/12/25 15:35
500-269641-9	G39S	Water	06/12/25 11:46	06/12/25 15:35
500-269641-10	G46S	Water	06/12/25 13:18	06/12/25 15:35
500-269641-11	G45S	Water	06/12/25 14:25	06/12/25 15:35
500-269641-12	R08S	Water	06/13/25 10:34	06/13/25 15:14
500-269641-13	G48S	Water	06/13/25 12:23	06/13/25 15:14
500-269641-14	G47S	Water	06/16/25 10:10	06/16/25 15:23
500-269641-15	R32S	Water	06/16/25 11:34	06/16/25 15:23
500-269641-16	T03S	Water	06/16/25 13:15	06/16/25 15:23
500-269641-17	T13S	Water	06/16/25 14:10	06/16/25 15:23
500-269641-18	T02S	Water	06/17/25 10:56	06/17/25 15:10
500-269641-19	T08S	Water	06/17/25 13:16	06/17/25 15:10
500-269641-20	T11S	Water	06/18/25 10:38	06/18/25 13:55
500-269641-21	T11S Dup	Water	06/18/25 10:38	06/18/25 13:55
500-269641-22	T01S	Water	06/19/25 10:16	06/19/25 12:57
500-269641-23	T12S	Water	06/19/25 11:51	06/19/25 12:57

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

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		06/10/25 08:04	06/10/25 15:03	1
Arsenic	0.0023		0.0010		mg/L		06/10/25 08:04	06/10/25 15:03	1
Barium	0.043		0.0025		mg/L		06/10/25 08:04	06/10/25 15:03	1
Beryllium	<0.0010		0.0010		mg/L		06/10/25 08:04	06/11/25 15:08	1
Boron	3.5		0.050		mg/L		06/10/25 08:04	06/11/25 15:08	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Calcium	140		0.20		mg/L		06/10/25 08:04	06/10/25 15:03	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 15:03	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Lithium	0.083	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 15:08	1
Molybdenum	0.67		0.0050		mg/L		06/10/25 08:04	06/10/25 15:03	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 15:03	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 15:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	990		10		mg/L			06/13/25 08:23	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			06/10/25 13:45	5
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			06/17/25 11:10	1
Sulfate (SM 4500 SO4 E)	430		100		mg/L			06/10/25 11:51	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	23.65				ft			06/09/25 11:26	1
Depth to Water (ft from MP)	26.23				ft			06/09/25 11:26	1
Elevation of well (ft from MP)	535.67				ft			06/09/25 11:26	1
Field pH	7.26				SU			06/09/25 11:26	1
Field Temperature	59.9				Degrees F			06/09/25 11:26	1
Ground Water Elevation	509.44				ft			06/09/25 11:26	1
Specific Conductance	1547				umhos/cm			06/09/25 11:26	1
Well bottom elevation	453.36				ft			06/09/25 11:26	1
Field Turbidity	0.45				NTU			06/09/25 11:26	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

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		06/10/25 08:04	06/10/25 15:05	1
Arsenic	<0.0010		0.0010		mg/L		06/10/25 08:04	06/10/25 15:05	1
Barium	0.044		0.0025		mg/L		06/10/25 08:04	06/10/25 15:05	1
Beryllium	<0.0010		0.0010		mg/L		06/10/25 08:04	06/11/25 15:11	1
Boron	0.89		0.050		mg/L		06/10/25 08:04	06/11/25 15:11	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Calcium	74		0.20		mg/L		06/10/25 08:04	06/10/25 15:05	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 15:05	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Lithium	0.032	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 15:11	1
Molybdenum	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 15:05	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 15:05	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 15:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			06/13/25 08:31	1
Chloride (SM 4500 Cl- E)	12		2.0		mg/L			06/10/25 13:29	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			06/17/25 11:14	1
Sulfate (SM 4500 SO4 E)	94		25		mg/L			06/10/25 11:52	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	32.39				ft			06/09/25 13:04	1
Depth to Water (ft from MP)	34.12				ft			06/09/25 13:04	1
Elevation of well (ft from MP)	535.67				ft			06/09/25 13:04	1
Field pH	7.22				SU			06/09/25 13:04	1
Field Temperature	62.1				Degrees F			06/09/25 13:04	1
Ground Water Elevation	501.55				ft			06/09/25 13:04	1
Specific Conductance	822				umhos/cm			06/09/25 13:04	1
Well bottom elevation	452.72				ft			06/09/25 13:04	1
Field Turbidity	7.14				NTU			06/09/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:21	1
Arsenic	0.0041		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Barium	0.063		0.0025		mg/L		06/11/25 07:54	06/12/25 15:21	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Boron	4.1		0.050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Calcium	130		0.20		mg/L		06/11/25 07:54	06/12/25 15:21	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Cobalt	0.0012		0.0010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Lead	0.00095		0.00050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Lithium	0.096		0.010		mg/L		06/11/25 07:54	06/12/25 15:21	1
Molybdenum	0.55		0.0050		mg/L		06/11/25 07:54	06/12/25 15:21	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 15:21	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	780		10		mg/L			06/13/25 08:36	1
Chloride (SM 4500 Cl- E)	59		4.0		mg/L			06/12/25 11:58	2
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			06/17/25 11:18	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			06/12/25 14:38	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	96.24				ft			06/10/25 10:17	1
Depth to Water (ft from MP)	98.64				ft			06/10/25 10:17	1
Elevation of well (ft from MP)	603.49				ft			06/10/25 10:17	1
Field pH	7.31				SU			06/10/25 10:17	1
Field Temperature	59.2				Degrees F			06/10/25 10:17	1
Ground Water Elevation	504.85				ft			06/10/25 10:17	1
Specific Conductance	1196				umhos/cm			06/10/25 10:17	1
Well bottom elevation	444.80				ft			06/10/25 10:17	1
Field Turbidity	187.00				NTU			06/10/25 10:17	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:23	1
Arsenic	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Barium	0.034		0.0025		mg/L		06/11/25 07:54	06/12/25 15:23	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Boron	0.83		0.050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Calcium	86		0.20		mg/L		06/11/25 07:54	06/12/25 15:23	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Lithium	0.024		0.010		mg/L		06/11/25 07:54	06/12/25 15:23	1
Molybdenum	0.0070		0.0050		mg/L		06/11/25 07:54	06/12/25 15:23	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 15:23	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	430		10		mg/L			06/13/25 08:39	1
Chloride (SM 4500 Cl- E)	18		2.0		mg/L			06/12/25 11:31	1
Fluoride (SM 4500 F C)	0.42		0.10		mg/L			06/17/25 11:21	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			06/12/25 14:39	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	113.18				ft			06/10/25 12:03	1
Depth to Water (ft from MP)	115.48				ft			06/10/25 12:03	1
Elevation of well (ft from MP)	621.05				ft			06/10/25 12:03	1
Field pH	7.14				SU			06/10/25 12:03	1
Field Temperature	67.1				Degrees F			06/10/25 12:03	1
Ground Water Elevation	505.57				ft			06/10/25 12:03	1
Specific Conductance	789				umhos/cm			06/10/25 12:03	1
Well bottom elevation	447.94				ft			06/10/25 12:03	1
Field Turbidity	1.40				NTU			06/10/25 12:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 15:26	1
Arsenic	0.13		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Barium	0.0085		0.0025		mg/L		06/11/25 07:54	06/12/25 15:26	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Boron	13		0.50		mg/L		06/11/25 07:54	06/12/25 15:47	10
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Calcium	1.8		0.20		mg/L		06/11/25 07:54	06/12/25 15:26	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Lithium	0.025		0.010		mg/L		06/11/25 07:54	06/12/25 15:26	1
Molybdenum	1.0		0.0050		mg/L		06/11/25 07:54	06/12/25 15:26	1
Selenium	0.0045		0.0025		mg/L		06/11/25 07:54	06/12/25 15:26	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 15:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			06/13/25 08:41	1
Chloride (SM 4500 Cl- E)	120	F1	10		mg/L			06/12/25 11:58	5
Fluoride (SM 4500 F C)	1.7		0.10		mg/L			06/17/25 11:24	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			06/12/25 14:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	122.56				ft			06/10/25 14:11	1
Depth to Water (ft from MP)	124.96				ft			06/10/25 14:11	1
Elevation of well (ft from MP)	623.41				ft			06/10/25 14:11	1
Field pH	10.29				SU			06/10/25 14:11	1
Field Temperature	62.6				Degrees F			06/10/25 14:11	1
Ground Water Elevation	498.45				ft			06/10/25 14:11	1
Specific Conductance	2372				umhos/cm			06/10/25 14:11	1
Well bottom elevation	448.35				ft			06/10/25 14:11	1
Field Turbidity	1.70				NTU			06/10/25 14:11	1

Eurofins Chicago

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

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		06/19/25 14:12	06/20/25 14:52	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Barium	0.051		0.0025		mg/L		06/19/25 14:12	06/20/25 14:52	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Boron	5.0		0.25		mg/L		06/19/25 14:12	06/23/25 15:06	5
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Calcium	66		0.20		mg/L		06/19/25 14:12	06/20/25 14:52	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:52	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Lithium	0.026		0.010		mg/L		06/19/25 14:12	06/24/25 12:51	1
Molybdenum	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:52	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:52	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 14:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			06/13/25 08:44	1
Chloride (SM 4500 Cl- E)	220		10		mg/L			06/12/25 13:22	5
Fluoride (SM 4500 F C)	0.86		0.10		mg/L			06/17/25 11:28	1
Sulfate (SM 4500 SO4 E)	530		100		mg/L			06/12/25 14:39	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.50				ft			06/11/25 10:23	1
Depth to Water (ft from MP)	1.81				ft			06/11/25 10:23	1
Elevation of well (ft from MP)	524.78				ft			06/11/25 10:23	1
Field pH	7.89				SU			06/11/25 10:23	1
Field Temperature	59.7				Degrees F			06/11/25 10:23	1
Ground Water Elevation	522.97				ft			06/11/25 10:23	1
Specific Conductance	2030				umhos/cm			06/11/25 10:23	1
Well bottom elevation	462.58				ft			06/11/25 10:23	1
Field Turbidity	0.67				NTU			06/11/25 10:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

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		06/19/25 14:12	06/20/25 15:21	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Barium	0.052		0.0025		mg/L		06/19/25 14:12	06/20/25 15:21	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Boron	1.3		0.050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Calcium	58		0.20		mg/L		06/19/25 14:12	06/20/25 15:21	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:21	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Lithium	0.045		0.010		mg/L		06/19/25 14:12	06/23/25 11:47	1
Molybdenum	0.018		0.0050		mg/L		06/19/25 14:12	06/20/25 15:21	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:21	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	400		10		mg/L			06/13/25 08:47	1
Chloride (SM 4500 Cl- E)	17		2.0		mg/L			06/12/25 13:08	1
Fluoride (SM 4500 F C)	0.76		0.10		mg/L			06/17/25 11:31	1
Sulfate (SM 4500 SO4 E)	64		10		mg/L			06/12/25 14:40	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	68.16				ft			06/11/25 12:25	1
Depth to Water (ft from MP)	70.94				ft			06/11/25 12:25	1
Elevation of well (ft from MP)	580.79				ft			06/11/25 12:25	1
Field pH	7.51				SU			06/11/25 12:25	1
Field Temperature	77.2				Degrees F			06/11/25 12:25	1
Ground Water Elevation	509.85				ft			06/11/25 12:25	1
Specific Conductance	671				umhos/cm			06/11/25 12:25	1
Well bottom elevation	442.28				ft			06/11/25 12:25	1
Field Turbidity	0.27				NTU			06/11/25 12:25	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:24	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Barium	0.070		0.0025		mg/L		06/19/25 14:12	06/20/25 15:24	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Boron	1.8		0.050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Calcium	130		0.20		mg/L		06/19/25 14:12	06/20/25 15:24	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:24	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Lithium	0.028		0.010		mg/L		06/19/25 14:12	06/23/25 11:50	1
Molybdenum	0.21		0.0050		mg/L		06/19/25 14:12	06/20/25 15:24	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:24	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	700		10		mg/L			06/18/25 23:52	1
Chloride (SM 4500 Cl- E)	59		4.0		mg/L			06/17/25 12:47	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			06/17/25 11:34	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:24	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	77.17				ft			06/12/25 10:44	1
Depth to Water (ft from MP)	79.35				ft			06/12/25 10:44	1
Elevation of well (ft from MP)	586.62				ft			06/12/25 10:44	1
Field pH	7.00				SU			06/12/25 10:44	1
Field Temperature	58.3				Degrees F			06/12/25 10:44	1
Ground Water Elevation	507.27				ft			06/12/25 10:44	1
Specific Conductance	1196				umhos/cm			06/12/25 10:44	1
Well bottom elevation	455.11				ft			06/12/25 10:44	1
Field Turbidity	9.64				NTU			06/12/25 10:44	1

Eurofins Chicago

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:26	1
Arsenic	0.0011		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Barium	0.033		0.0025		mg/L		06/19/25 14:12	06/20/25 15:26	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Boron	0.31		0.050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Calcium	84		0.20		mg/L		06/19/25 14:12	06/20/25 15:26	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:26	1
Lead	0.00089		0.00050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Lithium	0.013		0.010		mg/L		06/19/25 14:12	06/23/25 11:52	1
Molybdenum	0.0058		0.0050		mg/L		06/19/25 14:12	06/20/25 15:26	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:26	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	540		10		mg/L			06/19/25 00:00	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/17/25 12:03	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			06/17/25 11:45	1
Sulfate (SM 4500 SO4 E)	100		25		mg/L			06/17/25 15:25	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	90.32				ft			06/12/25 11:46	1
Depth to Water (ft from MP)	92.40				ft			06/12/25 11:46	1
Elevation of well (ft from MP)	598.74				ft			06/12/25 11:46	1
Field pH	7.20				SU			06/12/25 11:46	1
Field Temperature	58.3				Degrees F			06/12/25 11:46	1
Ground Water Elevation	506.34				ft			06/12/25 11:46	1
Specific Conductance	763				umhos/cm			06/12/25 11:46	1
Well bottom elevation	454.15				ft			06/12/25 11:46	1
Field Turbidity	11.70				NTU			06/12/25 11:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:29	1
Arsenic	0.39		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Barium	0.097		0.0025		mg/L		06/19/25 14:12	06/20/25 15:29	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Boron	10		0.50		mg/L		06/19/25 14:12	06/23/25 15:20	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Calcium	130		0.20		mg/L		06/19/25 14:12	06/20/25 15:29	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:29	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Lithium	0.22		0.010		mg/L		06/19/25 14:12	06/23/25 16:10	1
Molybdenum	1.1		0.0050		mg/L		06/19/25 14:12	06/20/25 15:29	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:29	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	950		10		mg/L			06/19/25 00:05	1
Chloride (SM 4500 Cl- E)	60		4.0		mg/L			06/17/25 12:47	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/17/25 11:49	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			06/17/25 16:26	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.59				ft			06/12/25 13:18	1
Depth to Water (ft from MP)	95.29				ft			06/12/25 13:18	1
Elevation of well (ft from MP)	601.32				ft			06/12/25 13:18	1
Field pH	8.02				SU			06/12/25 13:18	1
Field Temperature	60.8				Degrees F			06/12/25 13:18	1
Ground Water Elevation	506.03				ft			06/12/25 13:18	1
Specific Conductance	1394				umhos/cm			06/12/25 13:18	1
Well bottom elevation	453.62				ft			06/12/25 13:18	1
Field Turbidity	134.00				NTU			06/12/25 13:18	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 15:36	1
Arsenic	0.0081		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Barium	0.038		0.0025		mg/L		06/19/25 14:12	06/20/25 15:36	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Boron	0.45		0.050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Calcium	87		0.20		mg/L		06/19/25 14:12	06/20/25 15:36	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:36	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Lithium	0.028		0.010		mg/L		06/19/25 14:12	06/23/25 16:17	1
Molybdenum	0.012		0.0050		mg/L		06/19/25 14:12	06/20/25 15:36	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:36	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			06/19/25 00:08	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			06/17/25 13:21	5
Fluoride (SM 4500 F C)	0.37		0.10		mg/L			06/17/25 11:53	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			06/17/25 15:25	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	61.00				ft			06/12/25 14:25	1
Depth to Water (ft from MP)	63.97				ft			06/12/25 14:25	1
Elevation of well (ft from MP)	603.81				ft			06/12/25 14:25	1
Field pH	7.26				SU			06/12/25 14:25	1
Field Temperature	59.9				Degrees F			06/12/25 14:25	1
Ground Water Elevation	539.84				ft			06/12/25 14:25	1
Specific Conductance	1098				umhos/cm			06/12/25 14:25	1
Well bottom elevation	471.05				ft			06/12/25 14:25	1
Field Turbidity	0.78				NTU			06/12/25 14:25	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

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		06/19/25 14:12	06/20/25 15:44	1
Arsenic	0.0018		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Barium	0.046		0.0025		mg/L		06/19/25 14:12	06/20/25 15:44	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Boron	8.6		0.50		mg/L		06/19/25 14:12	06/23/25 15:22	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Calcium	140		0.20		mg/L		06/19/25 14:12	06/20/25 15:44	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:44	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Lithium	0.14		0.010		mg/L		06/19/25 14:12	06/23/25 16:19	1
Molybdenum	0.30		0.0050		mg/L		06/19/25 14:12	06/20/25 15:44	1
Selenium	0.0026		0.0025		mg/L		06/19/25 14:12	06/20/25 15:44	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	750		10		mg/L			06/19/25 00:10	1
Chloride (SM 4500 Cl- E)	70		4.0		mg/L			06/17/25 12:48	2
Fluoride (SM 4500 F C)	0.10		0.10		mg/L			06/17/25 11:56	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			06/17/25 15:26	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	63.76				ft			06/13/25 10:34	1
Depth to Water (ft from MP)	66.31				ft			06/13/25 10:34	1
Elevation of well (ft from MP)	578.64				ft			06/13/25 10:34	1
Field pH	8.18				SU			06/13/25 10:34	1
Field Temperature	57.2				Degrees F			06/13/25 10:34	1
Ground Water Elevation	512.33				ft			06/13/25 10:34	1
Specific Conductance	1132				umhos/cm			06/13/25 10:34	1
Well bottom elevation	453.08				ft			06/13/25 10:34	1
Field Turbidity	0.63				NTU			06/13/25 10:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

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		06/19/25 14:12	06/20/25 15:51	1
Arsenic	0.010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Barium	0.023		0.0025		mg/L		06/19/25 14:12	06/20/25 15:51	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Boron	6.4		0.50		mg/L		06/19/25 14:12	06/23/25 15:25	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Calcium	36		0.20		mg/L		06/19/25 14:12	06/20/25 15:51	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:51	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Lithium	0.025		0.010		mg/L		06/19/25 14:12	06/23/25 16:27	1
Molybdenum	0.52		0.0050		mg/L		06/19/25 14:12	06/20/25 15:51	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:51	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	920		10		mg/L			06/19/25 00:13	1
Chloride (SM 4500 Cl- E)	98		10		mg/L			06/17/25 12:48	5
Fluoride (SM 4500 F C)	0.98		0.10		mg/L			06/17/25 12:09	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			06/17/25 15:26	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	102.34				ft			06/13/25 12:23	1
Depth to Water (ft from MP)	104.79				ft			06/13/25 12:23	1
Elevation of well (ft from MP)	620.73				ft			06/13/25 12:23	1
Field pH	8.18				SU			06/13/25 12:23	1
Field Temperature	60.3				Degrees F			06/13/25 12:23	1
Ground Water Elevation	515.94				ft			06/13/25 12:23	1
Specific Conductance	1545				umhos/cm			06/13/25 12:23	1
Well bottom elevation	468.32				ft			06/13/25 12:23	1
Field Turbidity	0.71				NTU			06/13/25 12:23	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

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		06/19/25 14:12	06/20/25 15:58	1
Arsenic	0.027		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Barium	0.013		0.0025		mg/L		06/19/25 14:12	06/20/25 15:58	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Boron	6.5		0.50		mg/L		06/19/25 14:12	06/23/25 15:27	10
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Calcium	11		0.20		mg/L		06/19/25 14:12	06/20/25 15:58	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 15:58	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Lithium	0.057		0.010		mg/L		06/19/25 14:12	06/23/25 16:34	1
Molybdenum	0.48		0.0050		mg/L		06/19/25 14:12	06/20/25 15:58	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 15:58	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 15:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	970		10		mg/L			06/20/25 05:55	1
Chloride (SM 4500 Cl- E)	91		10		mg/L			06/17/25 12:48	5
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			06/17/25 12:11	1
Sulfate (SM 4500 SO4 E)	460		50		mg/L			06/17/25 15:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	91.70				ft			06/16/25 10:10	1
Depth to Water (ft from MP)	94.20				ft			06/16/25 10:10	1
Elevation of well (ft from MP)	612.16				ft			06/16/25 10:10	1
Field pH	8.96				SU			06/16/25 10:10	1
Field Temperature	62.2				Degrees F			06/16/25 10:10	1
Ground Water Elevation	517.96				ft			06/16/25 10:10	1
Specific Conductance	1566				umhos/cm			06/16/25 10:10	1
Well bottom elevation	459.84				ft			06/16/25 10:10	1
Field Turbidity	0.35				NTU			06/16/25 10:10	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

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		06/19/25 14:12	06/20/25 16:06	1
Arsenic	0.0011		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Barium	0.030		0.0025		mg/L		06/19/25 14:12	06/20/25 16:06	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Boron	2.3		0.050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Calcium	100		0.20		mg/L		06/19/25 14:12	06/20/25 16:06	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:06	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Lithium	0.064		0.010		mg/L		06/19/25 14:12	06/23/25 16:41	1
Molybdenum	0.28		0.0050		mg/L		06/19/25 14:12	06/20/25 16:06	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:06	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	770		10		mg/L			06/20/25 06:02	1
Chloride (SM 4500 Cl- E)	41		2.0		mg/L			06/17/25 12:04	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/17/25 12:14	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			06/17/25 15:27	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	16.86				ft			06/16/25 11:34	1
Depth to Water (ft from MP)	18.89				ft			06/16/25 11:34	1
Elevation of well (ft from MP)	537.04				ft			06/16/25 11:34	1
Field pH	7.23				SU			06/16/25 11:34	1
Field Temperature	55.9				Degrees F			06/16/25 11:34	1
Ground Water Elevation	518.15				ft			06/16/25 11:34	1
Specific Conductance	884				umhos/cm			06/16/25 11:34	1
Well bottom elevation	457.84				ft			06/16/25 11:34	1
Field Turbidity	0.83				NTU			06/16/25 11:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

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		06/19/25 14:12	06/20/25 16:08	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Barium	0.055		0.0025		mg/L		06/19/25 14:12	06/20/25 16:08	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Boron	0.44		0.050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Calcium	110		0.20		mg/L		06/19/25 14:12	06/20/25 16:08	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:08	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Lithium	0.023		0.010		mg/L		06/19/25 14:12	06/23/25 16:44	1
Molybdenum	0.022		0.0050		mg/L		06/19/25 14:12	06/20/25 16:08	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:08	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 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		06/19/25 10:35	06/20/25 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	800		10		mg/L			06/20/25 06:08	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			06/17/25 12:49	5
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/17/25 12:18	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:27	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.77				ft			06/16/25 13:15	1
Depth to Water (ft from MP)	138.85				ft			06/16/25 13:15	1
Elevation of well (ft from MP)	629.73				ft			06/16/25 13:15	1
Field pH	7.07				SU			06/16/25 13:15	1
Field Temperature	56.7				Degrees F			06/16/25 13:15	1
Ground Water Elevation	490.88				ft			06/16/25 13:15	1
Specific Conductance	1127				umhos/cm			06/16/25 13:15	1
Well bottom elevation	456.70				ft			06/16/25 13:15	1
Field Turbidity	0.38				NTU			06/16/25 13:15	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

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		06/19/25 14:12	06/20/25 16:11	1
Arsenic	0.0021		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Barium	0.053		0.0025		mg/L		06/19/25 14:12	06/20/25 16:11	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Boron	0.54		0.050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Calcium	93		0.20		mg/L		06/19/25 14:12	06/20/25 16:11	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 16:11	1
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Lithium	0.025		0.010		mg/L		06/19/25 14:12	06/23/25 16:46	1
Molybdenum	0.019		0.0050		mg/L		06/19/25 14:12	06/20/25 16:11	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 16:11	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/20/25 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	620		10		mg/L			06/20/25 06:10	1
Chloride (SM 4500 Cl- E)	41		2.0		mg/L			06/17/25 12:05	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			06/23/25 10:35	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			06/17/25 15:28	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	17.46				ft			06/16/25 14:10	1
Depth to Water (ft from MP)	20.2				ft			06/16/25 14:10	1
Elevation of well (ft from MP)	525.33				ft			06/16/25 14:10	1
Field pH	7.31				SU			06/16/25 14:10	1
Field Temperature	61.5				Degrees F			06/16/25 14:10	1
Ground Water Elevation	505.11				ft			06/16/25 14:10	1
Specific Conductance	999				umhos/cm			06/16/25 14:10	1
Well bottom elevation	452.21				ft			06/16/25 14:10	1
Field Turbidity	4.37				NTU			06/16/25 14:10	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 13:44	1
Arsenic	0.0044		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Barium	0.098		0.0025		mg/L		06/20/25 14:16	06/23/25 13:44	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Boron	3.5		0.25		mg/L		06/20/25 14:16	06/23/25 15:39	5
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Calcium	88		0.20		mg/L		06/20/25 14:16	06/23/25 13:44	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Cobalt	0.0020		0.0010		mg/L		06/20/25 14:16	06/23/25 13:44	1
Lead	0.0019		0.00050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Lithium	0.038		0.010		mg/L		06/20/25 14:16	06/24/25 12:12	1
Molybdenum	0.31		0.0050		mg/L		06/20/25 14:16	06/23/25 13:44	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:44	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 13:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	940		10		mg/L			06/20/25 06:13	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			06/22/25 12:12	5
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			06/23/25 10:38	1
Sulfate (SM 4500 SO4 E)	320		50		mg/L			06/23/25 10:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	132.87				ft			06/17/25 10:56	1
Depth to Water (ft from MP)	135.20				ft			06/17/25 10:56	1
Elevation of well (ft from MP)	626.14				ft			06/17/25 10:56	1
Field pH	7.22				SU			06/17/25 10:56	1
Field Temperature	75.7				Degrees F			06/17/25 10:56	1
Ground Water Elevation	490.94				ft			06/17/25 10:56	1
Specific Conductance	1345				umhos/cm			06/17/25 10:56	1
Well bottom elevation	453.40				ft			06/17/25 10:56	1
Field Turbidity	169.00				NTU			06/17/25 10:56	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0034		0.0030		mg/L		06/20/25 14:16	06/23/25 14:06	1
Arsenic	0.013		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Barium	0.052		0.0025		mg/L		06/20/25 14:16	06/23/25 14:06	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Boron	8.2		0.50		mg/L		06/20/25 14:16	06/23/25 15:52	10
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Calcium	33		0.20		mg/L		06/20/25 14:16	06/23/25 14:06	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Cobalt	0.0014		0.0010		mg/L		06/20/25 14:16	06/23/25 14:06	1
Lead	0.0015		0.00050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Lithium	0.056		0.010		mg/L		06/20/25 14:16	06/24/25 12:31	1
Molybdenum	0.81		0.0050		mg/L		06/20/25 14:16	06/23/25 14:06	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:06	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			06/20/25 06:15	1
Chloride (SM 4500 Cl- E)	76		4.0		mg/L			06/22/25 12:13	2
Fluoride (SM 4500 F C)	0.67		0.10		mg/L			06/23/25 10:50	1
Sulfate (SM 4500 SO4 E)	500		100		mg/L			06/23/25 10:27	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	127.32				ft			06/17/25 13:16	1
Depth to Water (ft from MP)	129.70				ft			06/17/25 13:16	1
Elevation of well (ft from MP)	627.43				ft			06/17/25 13:16	1
Field pH	8.16				SU			06/17/25 13:16	1
Field Temperature	84.4				Degrees F			06/17/25 13:16	1
Ground Water Elevation	497.73				ft			06/17/25 13:16	1
Specific Conductance	1375				umhos/cm			06/17/25 13:16	1
Well bottom elevation	447.38				ft			06/17/25 13:16	1
Field Turbidity	9.22				NTU			06/17/25 13:16	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

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		06/20/25 14:16	06/23/25 14:16	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Barium	0.040		0.0025		mg/L		06/20/25 14:16	06/23/25 14:16	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Boron	0.21		0.050		mg/L		06/20/25 14:16	06/23/25 15:55	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Calcium	110		0.20		mg/L		06/20/25 14:16	06/23/25 14:16	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:16	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Lithium	0.019		0.010		mg/L		06/20/25 14:16	06/23/25 15:55	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:16	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:16	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			06/20/25 06:18	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/22/25 11:56	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/23/25 10:53	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			06/23/25 10:07	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.36				ft			06/18/25 10:38	1
Depth to Water (ft from MP)	75.10				ft			06/18/25 10:38	1
Elevation of well (ft from MP)	559.40				ft			06/18/25 10:38	1
Field pH	7.25				SU			06/18/25 10:38	1
Field Temperature	72.0				Degrees F			06/18/25 10:38	1
Ground Water Elevation	484.30				ft			06/18/25 10:38	1
Specific Conductance	928				umhos/cm			06/18/25 10:38	1
Well bottom elevation	445.60				ft			06/18/25 10:38	1
Field Turbidity	40.70				NTU			06/18/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

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		06/20/25 14:16	06/23/25 14:18	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Barium	0.041		0.0025		mg/L		06/20/25 14:16	06/23/25 14:18	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Boron	0.21		0.050		mg/L		06/20/25 14:16	06/23/25 15:57	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Calcium	110		0.20		mg/L		06/20/25 14:16	06/23/25 14:18	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:18	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Lithium	0.020		0.010		mg/L		06/20/25 14:16	06/23/25 15:57	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:18	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:18	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	590		10		mg/L			06/20/25 06:21	1
Chloride (SM 4500 Cl- E)	39		2.0		mg/L			06/22/25 11:55	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			06/23/25 10:56	1
Sulfate (SM 4500 SO4 E)	200		25		mg/L			06/23/25 10:07	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.36				ft			06/18/25 10:38	1
Depth to Water (ft from MP)	75.10				ft			06/18/25 10:38	1
Elevation of well (ft from MP)	559.40				ft			06/18/25 10:38	1
Field pH	7.25				SU			06/18/25 10:38	1
Field Temperature	72.0				Degrees F			06/18/25 10:38	1
Ground Water Elevation	484.30				ft			06/18/25 10:38	1
Specific Conductance	928				umhos/cm			06/18/25 10:38	1
Well bottom elevation	445.60				ft			06/18/25 10:38	1
Field Turbidity	40.70				NTU			06/18/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		06/20/25 14:16	06/23/25 14:32	1
Arsenic	0.013		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Barium	0.086		0.0083		mg/L		06/20/25 14:16	06/23/25 14:32	1
Beryllium	<0.0033		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Boron	3.8		0.17		mg/L		06/20/25 14:16	06/23/25 16:05	1
Cadmium	<0.0017		0.0017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Calcium	58		0.67		mg/L		06/20/25 14:16	06/23/25 14:32	1
Chromium	<0.017		0.017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Cobalt	0.010		0.0033		mg/L		06/20/25 14:16	06/23/25 14:32	1
Lead	0.0074		0.0017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Lithium	<0.033		0.033		mg/L		06/20/25 14:16	06/23/25 16:05	1
Molybdenum	0.24		0.017		mg/L		06/20/25 14:16	06/23/25 14:32	1
Selenium	<0.0083		0.0083		mg/L		06/20/25 14:16	06/23/25 14:32	1
Thallium	<0.0067		0.0067		mg/L		06/20/25 14:16	06/23/25 14:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	900		10		mg/L			06/20/25 06:23	1
Chloride (SM 4500 Cl- E)	95		10		mg/L			06/22/25 12:13	5
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			06/23/25 11:00	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			06/23/25 10:08	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.71				ft			06/19/25 10:16	1
Depth to Water (ft from MP)	126.19				ft			06/19/25 10:16	1
Elevation of well (ft from MP)	621.83				ft			06/19/25 10:16	1
Field pH	7.84				SU			06/19/25 10:16	1
Field Temperature	68.2				Degrees F			06/19/25 10:16	1
Ground Water Elevation	495.64				ft			06/19/25 10:16	1
Specific Conductance	1443				umhos/cm			06/19/25 10:16	1
Well bottom elevation	451.46				ft			06/19/25 10:16	1
Field Turbidity	324.00				NTU			06/19/25 10:16	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

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		06/20/25 14:16	06/23/25 14:34	1
Arsenic	0.015		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Barium	0.065		0.0025		mg/L		06/20/25 14:16	06/23/25 14:34	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Boron	6.8		0.50		mg/L		06/20/25 14:16	06/23/25 16:07	10
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Calcium	140		0.20		mg/L		06/20/25 14:16	06/23/25 14:34	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 14:34	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Lithium	0.17		0.010		mg/L		06/20/25 14:16	06/24/25 12:41	1
Molybdenum	0.92		0.0050		mg/L		06/20/25 14:16	06/23/25 14:34	1
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 14:34	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			06/20/25 06:26	1
Chloride (SM 4500 Cl- E)	66		4.0		mg/L			06/22/25 12:13	2
Fluoride (SM 4500 F C)	0.21		0.10		mg/L			06/23/25 11:02	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			06/23/25 10:08	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	70.84				ft			06/19/25 11:51	1
Depth to Water (ft from MP)	73.58				ft			06/19/25 11:51	1
Elevation of well (ft from MP)	578.73				ft			06/19/25 11:51	1
Field pH	7.62				SU			06/19/25 11:51	1
Field Temperature	57.9				Degrees F			06/19/25 11:51	1
Ground Water Elevation	505.15				ft			06/19/25 11:51	1
Specific Conductance	1387				umhos/cm			06/19/25 11:51	1
Well bottom elevation	452.24				ft			06/19/25 11:51	1
Field Turbidity	49.50				NTU			06/19/25 11:51	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Qualifiers

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low 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.
F3	Duplicate RPD exceeds the control limit
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals

Prep Batch: 820931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	3005A	
500-269641-2	G33S	Total Recoverable	Water	3005A	
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 821088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total Recoverable	Water	3005A	
500-269641-4	T06S	Total Recoverable	Water	3005A	
500-269641-5	T05S	Total Recoverable	Water	3005A	
MB 500-821088/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-821088/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 821113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	6020B	820931
500-269641-2	G33S	Total Recoverable	Water	6020B	820931
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	6020B	820931
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	6020B	820931

Analysis Batch: 821360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total Recoverable	Water	6020B	820931
500-269641-2	G33S	Total Recoverable	Water	6020B	820931
MB 500-820931/1-A	Method Blank	Total Recoverable	Water	6020B	820931
LCS 500-820931/2-A	Lab Control Sample	Total Recoverable	Water	6020B	820931

Analysis Batch: 821548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total Recoverable	Water	6020B	821088
500-269641-4	T06S	Total Recoverable	Water	6020B	821088
500-269641-5	T05S	Total Recoverable	Water	6020B	821088
500-269641-5	T05S	Total Recoverable	Water	6020B	821088
MB 500-821088/1-A	Method Blank	Total Recoverable	Water	6020B	821088
LCS 500-821088/2-A	Lab Control Sample	Total Recoverable	Water	6020B	821088

Prep Batch: 822044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	7470A	
500-269641-2	G33S	Total/NA	Water	7470A	
500-269641-3	T09S	Total/NA	Water	7470A	
500-269641-4	T06S	Total/NA	Water	7470A	
500-269641-5	T05S	Total/NA	Water	7470A	
500-269641-6	G30S	Total/NA	Water	7470A	
500-269641-7	G20S	Total/NA	Water	7470A	
MB 500-822044/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822044/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-269641-4 MS	T06S	Total/NA	Water	7470A	
500-269641-4 MSD	T06S	Total/NA	Water	7470A	
500-269641-4 DU	T06S	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals

Analysis Batch: 822206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	7470A	822044
500-269641-2	G33S	Total/NA	Water	7470A	822044
500-269641-3	T09S	Total/NA	Water	7470A	822044
500-269641-4	T06S	Total/NA	Water	7470A	822044
500-269641-5	T05S	Total/NA	Water	7470A	822044
500-269641-6	G30S	Total/NA	Water	7470A	822044
500-269641-7	G20S	Total/NA	Water	7470A	822044
MB 500-822044/12-A	Method Blank	Total/NA	Water	7470A	822044
LCS 500-822044/13-A	Lab Control Sample	Total/NA	Water	7470A	822044
500-269641-4 MS	T06S	Total/NA	Water	7470A	822044
500-269641-4 MSD	T06S	Total/NA	Water	7470A	822044
500-269641-4 DU	T06S	Total/NA	Water	7470A	822044

Prep Batch: 822436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	7470A	
500-269641-9	G39S	Total/NA	Water	7470A	
500-269641-10	G46S	Total/NA	Water	7470A	
500-269641-11	G45S	Total/NA	Water	7470A	
500-269641-12	R08S	Total/NA	Water	7470A	
500-269641-13	G48S	Total/NA	Water	7470A	
500-269641-14	G47S	Total/NA	Water	7470A	
500-269641-15	R32S	Total/NA	Water	7470A	
500-269641-16	T03S	Total/NA	Water	7470A	
500-269641-17	T13S	Total/NA	Water	7470A	
MB 500-822436/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822436/25-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 822439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	7470A	
500-269641-19	T08S	Total/NA	Water	7470A	
500-269641-20	T11S	Total/NA	Water	7470A	
500-269641-21	T11S Dup	Total/NA	Water	7470A	
MB 500-822439/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822439/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 822491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	3005A	
500-269641-7	G20S	Total Recoverable	Water	3005A	
500-269641-8	G44S	Total Recoverable	Water	3005A	
500-269641-9	G39S	Total Recoverable	Water	3005A	
500-269641-10	G46S	Total Recoverable	Water	3005A	
500-269641-11	G45S	Total Recoverable	Water	3005A	
500-269641-12	R08S	Total Recoverable	Water	3005A	
500-269641-13	G48S	Total Recoverable	Water	3005A	
500-269641-14	G47S	Total Recoverable	Water	3005A	
500-269641-15	R32S	Total Recoverable	Water	3005A	
500-269641-16	T03S	Total Recoverable	Water	3005A	
500-269641-17	T13S	Total Recoverable	Water	3005A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Prep Batch: 822491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-269641-6 MS	G30S	Total Recoverable	Water	3005A	
500-269641-6 MSD	G30S	Total Recoverable	Water	3005A	
500-269641-6 DU	G30S	Total Recoverable	Water	3005A	

Analysis Batch: 822643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	7470A	822436
500-269641-9	G39S	Total/NA	Water	7470A	822436
500-269641-10	G46S	Total/NA	Water	7470A	822436
500-269641-11	G45S	Total/NA	Water	7470A	822436
500-269641-12	R08S	Total/NA	Water	7470A	822436
500-269641-13	G48S	Total/NA	Water	7470A	822436
500-269641-14	G47S	Total/NA	Water	7470A	822436
500-269641-15	R32S	Total/NA	Water	7470A	822436
500-269641-16	T03S	Total/NA	Water	7470A	822436
500-269641-17	T13S	Total/NA	Water	7470A	822436
500-269641-18	T02S	Total/NA	Water	7470A	822439
500-269641-19	T08S	Total/NA	Water	7470A	822439
500-269641-20	T11S	Total/NA	Water	7470A	822439
500-269641-21	T11S Dup	Total/NA	Water	7470A	822439
MB 500-822436/12-A	Method Blank	Total/NA	Water	7470A	822436
MB 500-822439/12-A	Method Blank	Total/NA	Water	7470A	822439
LCS 500-822436/25-A	Lab Control Sample	Total/NA	Water	7470A	822436
LCS 500-822439/13-A	Lab Control Sample	Total/NA	Water	7470A	822439

Prep Batch: 822661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total Recoverable	Water	3005A	
500-269641-19	T08S	Total Recoverable	Water	3005A	
500-269641-20	T11S	Total Recoverable	Water	3005A	
500-269641-21	T11S Dup	Total Recoverable	Water	3005A	
500-269641-22	T01S	Total Recoverable	Water	3005A	
500-269641-23	T12S	Total Recoverable	Water	3005A	
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-269641-18 MS	T02S	Total Recoverable	Water	3005A	
500-269641-18 MSD	T02S	Total Recoverable	Water	3005A	
500-269641-18 DU	T02S	Total Recoverable	Water	3005A	
500-269641-A-18-C DU ^5	500-269641-A-18-C DU ^5	Total Recoverable	Water	3005A	

Analysis Batch: 822832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-7	G20S	Total Recoverable	Water	6020B	822491
500-269641-8	G44S	Total Recoverable	Water	6020B	822491
500-269641-9	G39S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-11	G45S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Analysis Batch: 822832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-15	R32S	Total Recoverable	Water	6020B	822491
500-269641-16	T03S	Total Recoverable	Water	6020B	822491
500-269641-17	T13S	Total Recoverable	Water	6020B	822491
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	6020B	822491
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822491
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491

Prep Batch: 822895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-22	T01S	Total/NA	Water	7470A	
500-269641-23	T12S	Total/NA	Water	7470A	
MB 500-822895/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-822895/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 822970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-7	G20S	Total Recoverable	Water	6020B	822491
500-269641-8	G44S	Total Recoverable	Water	6020B	822491
500-269641-9	G39S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-20	T11S	Total Recoverable	Water	6020B	822661
500-269641-21	T11S Dup	Total Recoverable	Water	6020B	822661
500-269641-22	T01S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
MB 500-822491/1-A	Method Blank	Total Recoverable	Water	6020B	822491
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	6020B	822661
LCS 500-822491/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822491
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822661
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 DU	T02S	Total Recoverable	Water	6020B	822661

Analysis Batch: 823053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-10	G46S	Total Recoverable	Water	6020B	822491
500-269641-11	G45S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491
500-269641-12	R08S	Total Recoverable	Water	6020B	822491
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-13	G48S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-14	G47S	Total Recoverable	Water	6020B	822491
500-269641-15	R32S	Total Recoverable	Water	6020B	822491
500-269641-16	T03S	Total Recoverable	Water	6020B	822491

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Metals (Continued)

Analysis Batch: 823053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-17	T13S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-20	T11S	Total Recoverable	Water	6020B	822661
500-269641-21	T11S Dup	Total Recoverable	Water	6020B	822661
500-269641-22	T01S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
MB 500-822661/1-A	Method Blank	Total Recoverable	Water	6020B	822661
LCS 500-822661/2-A	Lab Control Sample	Total Recoverable	Water	6020B	822661
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491
500-269641-A-18-C DU ^5	500-269641-A-18-C DU ^5	Total Recoverable	Water	6020B	822661

Analysis Batch: 823110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-22	T01S	Total/NA	Water	7470A	822895
500-269641-23	T12S	Total/NA	Water	7470A	822895
MB 500-822895/12-A	Method Blank	Total/NA	Water	7470A	822895
LCS 500-822895/13-A	Lab Control Sample	Total/NA	Water	7470A	822895

Analysis Batch: 823158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total Recoverable	Water	6020B	822491
500-269641-18	T02S	Total Recoverable	Water	6020B	822661
500-269641-19	T08S	Total Recoverable	Water	6020B	822661
500-269641-23	T12S	Total Recoverable	Water	6020B	822661
500-269641-6 MS	G30S	Total Recoverable	Water	6020B	822491
500-269641-6 MSD	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 MS	T02S	Total Recoverable	Water	6020B	822661
500-269641-18 MSD	T02S	Total Recoverable	Water	6020B	822661
500-269641-6 DU	G30S	Total Recoverable	Water	6020B	822491
500-269641-18 DU	T02S	Total Recoverable	Water	6020B	822661

General Chemistry

Analysis Batch: 821023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 SO4 E	
500-269641-2	G33S	Total/NA	Water	SM 4500 SO4 E	
MB 500-821023/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-821023/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-269641-2 MS	G33S	Total/NA	Water	SM 4500 SO4 E	
500-269641-2 MSD	G33S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 821059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 CI- E	
500-269641-2	G33S	Total/NA	Water	SM 4500 CI- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 821059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-821059/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-821059/31	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-821059/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-821059/32	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-269641-2 MS	G33S	Total/NA	Water	SM 4500 CI- E	
500-269641-2 MSD	G33S	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 821454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total/NA	Water	SM 4500 CI- E	
500-269641-4	T06S	Total/NA	Water	SM 4500 CI- E	
500-269641-5	T05S	Total/NA	Water	SM 4500 CI- E	
500-269641-6	G30S	Total/NA	Water	SM 4500 CI- E	
500-269641-7	G20S	Total/NA	Water	SM 4500 CI- E	
MB 500-821454/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
MB 500-821454/67	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-821454/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
LCS 500-821454/68	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-269641-5 MS	T05S	Total/NA	Water	SM 4500 CI- E	
500-269641-5 MSD	T05S	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 821479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-3	T09S	Total/NA	Water	SM 4500 SO4 E	
500-269641-4	T06S	Total/NA	Water	SM 4500 SO4 E	
500-269641-5	T05S	Total/NA	Water	SM 4500 SO4 E	
500-269641-6	G30S	Total/NA	Water	SM 4500 SO4 E	
500-269641-7	G20S	Total/NA	Water	SM 4500 SO4 E	
MB 500-821479/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-821479/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 821574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 2540C	
500-269641-2	G33S	Total/NA	Water	SM 2540C	
500-269641-3	T09S	Total/NA	Water	SM 2540C	
500-269641-4	T06S	Total/NA	Water	SM 2540C	
500-269641-5	T05S	Total/NA	Water	SM 2540C	
500-269641-6	G30S	Total/NA	Water	SM 2540C	
500-269641-7	G20S	Total/NA	Water	SM 2540C	
MB 500-821574/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-821574/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-1 MS	G31S	Total/NA	Water	SM 2540C	
500-269641-1 DU	G31S	Total/NA	Water	SM 2540C	
500-269641-2 DU	G33S	Total/NA	Water	SM 2540C	

Analysis Batch: 822097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	SM 4500 F C	
500-269641-2	G33S	Total/NA	Water	SM 4500 F C	
500-269641-3	T09S	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-4	T06S	Total/NA	Water	SM 4500 F C	
500-269641-5	T05S	Total/NA	Water	SM 4500 F C	
500-269641-6	G30S	Total/NA	Water	SM 4500 F C	
500-269641-7	G20S	Total/NA	Water	SM 4500 F C	
500-269641-8	G44S	Total/NA	Water	SM 4500 F C	
500-269641-9	G39S	Total/NA	Water	SM 4500 F C	
500-269641-10	G46S	Total/NA	Water	SM 4500 F C	
500-269641-11	G45S	Total/NA	Water	SM 4500 F C	
500-269641-12	R08S	Total/NA	Water	SM 4500 F C	
500-269641-13	G48S	Total/NA	Water	SM 4500 F C	
500-269641-14	G47S	Total/NA	Water	SM 4500 F C	
500-269641-15	R32S	Total/NA	Water	SM 4500 F C	
500-269641-16	T03S	Total/NA	Water	SM 4500 F C	
MB 500-822097/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-822097/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-822097/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-822097/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 822103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 4500 Cl- E	
500-269641-9	G39S	Total/NA	Water	SM 4500 Cl- E	
500-269641-10	G46S	Total/NA	Water	SM 4500 Cl- E	
500-269641-11	G45S	Total/NA	Water	SM 4500 Cl- E	
500-269641-12	R08S	Total/NA	Water	SM 4500 Cl- E	
500-269641-13	G48S	Total/NA	Water	SM 4500 Cl- E	
500-269641-14	G47S	Total/NA	Water	SM 4500 Cl- E	
500-269641-15	R32S	Total/NA	Water	SM 4500 Cl- E	
500-269641-16	T03S	Total/NA	Water	SM 4500 Cl- E	
500-269641-17	T13S	Total/NA	Water	SM 4500 Cl- E	
MB 500-822103/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-822103/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 822149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 4500 SO4 E	
500-269641-9	G39S	Total/NA	Water	SM 4500 SO4 E	
500-269641-10	G46S	Total/NA	Water	SM 4500 SO4 E	
500-269641-11	G45S	Total/NA	Water	SM 4500 SO4 E	
500-269641-12	R08S	Total/NA	Water	SM 4500 SO4 E	
500-269641-13	G48S	Total/NA	Water	SM 4500 SO4 E	
500-269641-14	G47S	Total/NA	Water	SM 4500 SO4 E	
500-269641-15	R32S	Total/NA	Water	SM 4500 SO4 E	
500-269641-16	T03S	Total/NA	Water	SM 4500 SO4 E	
500-269641-17	T13S	Total/NA	Water	SM 4500 SO4 E	
MB 500-822149/20	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-822149/21	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 822327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-9	G39S	Total/NA	Water	SM 2540C	
500-269641-10	G46S	Total/NA	Water	SM 2540C	
500-269641-11	G45S	Total/NA	Water	SM 2540C	
500-269641-12	R08S	Total/NA	Water	SM 2540C	
500-269641-13	G48S	Total/NA	Water	SM 2540C	
MB 500-822327/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-822327/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-8 MS	G44S	Total/NA	Water	SM 2540C	
500-269641-8 DU	G44S	Total/NA	Water	SM 2540C	
500-269641-9 DU	G39S	Total/NA	Water	SM 2540C	

Analysis Batch: 822527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	SM 2540C	
500-269641-15	R32S	Total/NA	Water	SM 2540C	
500-269641-16	T03S	Total/NA	Water	SM 2540C	
500-269641-17	T13S	Total/NA	Water	SM 2540C	
500-269641-18	T02S	Total/NA	Water	SM 2540C	
500-269641-19	T08S	Total/NA	Water	SM 2540C	
500-269641-20	T11S	Total/NA	Water	SM 2540C	
500-269641-21	T11S Dup	Total/NA	Water	SM 2540C	
500-269641-22	T01S	Total/NA	Water	SM 2540C	
500-269641-23	T12S	Total/NA	Water	SM 2540C	
MB 500-822527/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-822527/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-269641-14 MS	G47S	Total/NA	Water	SM 2540C	
500-269641-14 DU	G47S	Total/NA	Water	SM 2540C	
500-269641-15 DU	R32S	Total/NA	Water	SM 2540C	

Analysis Batch: 822793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	SM 4500 CI- E	
500-269641-19	T08S	Total/NA	Water	SM 4500 CI- E	
500-269641-20	T11S	Total/NA	Water	SM 4500 CI- E	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 CI- E	
500-269641-22	T01S	Total/NA	Water	SM 4500 CI- E	
500-269641-23	T12S	Total/NA	Water	SM 4500 CI- E	
MB 500-822793/16	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-822793/17	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 822884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18	T02S	Total/NA	Water	SM 4500 SO4 E	
500-269641-19	T08S	Total/NA	Water	SM 4500 SO4 E	
500-269641-20	T11S	Total/NA	Water	SM 4500 SO4 E	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 SO4 E	
500-269641-22	T01S	Total/NA	Water	SM 4500 SO4 E	
500-269641-23	T12S	Total/NA	Water	SM 4500 SO4 E	
MB 500-822884/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-822884/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-269641-18 MS	T02S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

General Chemistry (Continued)

Analysis Batch: 822884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-18 MSD	T02S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 822910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-17	T13S	Total/NA	Water	SM 4500 F C	
500-269641-18	T02S	Total/NA	Water	SM 4500 F C	
500-269641-19	T08S	Total/NA	Water	SM 4500 F C	
500-269641-20	T11S	Total/NA	Water	SM 4500 F C	
500-269641-21	T11S Dup	Total/NA	Water	SM 4500 F C	
500-269641-22	T01S	Total/NA	Water	SM 4500 F C	
500-269641-23	T12S	Total/NA	Water	SM 4500 F C	
MB 500-822910/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-822910/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 821829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	Field Sampling	
500-269641-2	G33S	Total/NA	Water	Field Sampling	
500-269641-3	T09S	Total/NA	Water	Field Sampling	
500-269641-4	T06S	Total/NA	Water	Field Sampling	
500-269641-5	T05S	Total/NA	Water	Field Sampling	
500-269641-6	G30S	Total/NA	Water	Field Sampling	
500-269641-7	G20S	Total/NA	Water	Field Sampling	
500-269641-8	G44S	Total/NA	Water	Field Sampling	
500-269641-9	G39S	Total/NA	Water	Field Sampling	
500-269641-10	G46S	Total/NA	Water	Field Sampling	
500-269641-11	G45S	Total/NA	Water	Field Sampling	
500-269641-12	R08S	Total/NA	Water	Field Sampling	
500-269641-13	G48S	Total/NA	Water	Field Sampling	
500-269641-14	G47S	Total/NA	Water	Field Sampling	
500-269641-15	R32S	Total/NA	Water	Field Sampling	
500-269641-16	T03S	Total/NA	Water	Field Sampling	
500-269641-17	T13S	Total/NA	Water	Field Sampling	
500-269641-18	T02S	Total/NA	Water	Field Sampling	
500-269641-19	T08S	Total/NA	Water	Field Sampling	
500-269641-20	T11S	Total/NA	Water	Field Sampling	
500-269641-21	T11S Dup	Total/NA	Water	Field Sampling	
500-269641-22	T01S	Total/NA	Water	Field Sampling	
500-269641-23	T12S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-820931/1-A

Matrix: Water

Analysis Batch: 821113

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 820931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/10/25 08:04	06/10/25 14:33	1
Arsenic	<0.0010		0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Barium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 14:33	1
Beryllium	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Boron	<0.050	^5-	0.050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Cadmium	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Calcium	<0.20		0.20		mg/L		06/10/25 08:04	06/10/25 14:33	1
Chromium	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Cobalt	<0.0010	^5-	0.0010		mg/L		06/10/25 08:04	06/10/25 14:33	1
Lead	<0.00050		0.00050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Molybdenum	<0.0050		0.0050		mg/L		06/10/25 08:04	06/10/25 14:33	1
Selenium	<0.0025		0.0025		mg/L		06/10/25 08:04	06/10/25 14:33	1
Thallium	<0.0020		0.0020		mg/L		06/10/25 08:04	06/10/25 14:33	1

Lab Sample ID: MB 500-820931/1-A

Matrix: Water

Analysis Batch: 821360

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 820931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010	^5-	0.010		mg/L		06/10/25 08:04	06/11/25 14:57	1

Lab Sample ID: LCS 500-820931/2-A

Matrix: Water

Analysis Batch: 821113

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 820931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.0984		mg/L		98	80 - 120
Barium	0.500	0.504		mg/L		101	80 - 120
Beryllium	0.0500	0.0442	^5-	mg/L		88	80 - 120
Boron	1.00	0.896	^5-	mg/L		90	80 - 120
Cadmium	0.0500	0.0503		mg/L		101	80 - 120
Calcium	10.0	8.52		mg/L		85	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.495	^5-	mg/L		99	80 - 120
Lead	0.100	0.0986		mg/L		99	80 - 120
Molybdenum	1.00	1.00		mg/L		100	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 500-820931/2-A

Matrix: Water

Analysis Batch: 821360

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 820931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.100	0.0923	^5-	mg/L		92	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-821088/1-A

Matrix: Water

Analysis Batch: 821548

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 821088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/25 07:54	06/12/25 14:57	1
Arsenic	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Barium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 14:57	1
Beryllium	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Boron	<0.050		0.050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Cadmium	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Calcium	<0.20		0.20		mg/L		06/11/25 07:54	06/12/25 14:57	1
Chromium	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Cobalt	<0.0010		0.0010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Lead	<0.00050		0.00050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Lithium	<0.010		0.010		mg/L		06/11/25 07:54	06/12/25 14:57	1
Molybdenum	<0.0050		0.0050		mg/L		06/11/25 07:54	06/12/25 14:57	1
Selenium	<0.0025		0.0025		mg/L		06/11/25 07:54	06/12/25 14:57	1
Thallium	<0.0020		0.0020		mg/L		06/11/25 07:54	06/12/25 14:57	1

Lab Sample ID: LCS 500-821088/2-A

Matrix: Water

Analysis Batch: 821548

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 821088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.541		mg/L		108	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.515		mg/L		103	80 - 120
Beryllium	0.0500	0.0498		mg/L		100	80 - 120
Boron	1.00	1.06		mg/L		106	80 - 120
Cadmium	0.0500	0.0507		mg/L		101	80 - 120
Calcium	10.0	8.26		mg/L		83	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.500	0.519		mg/L		104	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.100	0.107		mg/L		107	80 - 120
Molybdenum	1.00	1.04		mg/L		104	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: MB 500-822491/1-A

Matrix: Water

Analysis Batch: 822832

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/19/25 14:12	06/20/25 14:42	1
Arsenic	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1
Barium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:42	1
Beryllium	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1
Boron	<0.050		0.050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Cadmium	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Calcium	<0.20		0.20		mg/L		06/19/25 14:12	06/20/25 14:42	1
Chromium	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Cobalt	<0.0010		0.0010		mg/L		06/19/25 14:12	06/20/25 14:42	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-822491/1-A

Matrix: Water

Analysis Batch: 822832

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Molybdenum	<0.0050		0.0050		mg/L		06/19/25 14:12	06/20/25 14:42	1
Selenium	<0.0025		0.0025		mg/L		06/19/25 14:12	06/20/25 14:42	1

Lab Sample ID: MB 500-822491/1-A

Matrix: Water

Analysis Batch: 822970

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		06/19/25 14:12	06/23/25 11:30	1
Thallium	<0.0020		0.0020		mg/L		06/19/25 14:12	06/23/25 11:30	1

Lab Sample ID: LCS 500-822491/2-A

Matrix: Water

Analysis Batch: 822832

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.535		mg/L		107	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.500	0.529		mg/L		106	80 - 120
Beryllium	0.0500	0.0543		mg/L		109	80 - 120
Boron	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.0500	0.0509		mg/L		102	80 - 120
Calcium	10.0	9.86		mg/L		99	80 - 120
Chromium	0.200	0.211		mg/L		106	80 - 120
Cobalt	0.500	0.526		mg/L		105	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Molybdenum	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.0983		mg/L		98	80 - 120

Lab Sample ID: LCS 500-822491/2-A

Matrix: Water

Analysis Batch: 822970

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.100	0.110		mg/L		110	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: 500-269641-6 MS

Matrix: Water

Analysis Batch: 822832

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.539		mg/L		108	75 - 125
Arsenic	<0.0010		0.100	0.103		mg/L		103	75 - 125
Barium	0.051		0.500	0.574		mg/L		105	75 - 125
Beryllium	<0.0010		0.0500	0.0500		mg/L		100	75 - 125
Cadmium	<0.00050		0.0500	0.0490		mg/L		98	75 - 125
Calcium	66		10.0	78.5	4	mg/L		121	75 - 125
Chromium	<0.0050		0.200	0.198		mg/L		99	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-6 MS

Matrix: Water

Analysis Batch: 822832

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	<0.0010		0.500	0.529		mg/L		106	75 - 125
Lead	<0.00050		0.100	0.101		mg/L		101	75 - 125
Molybdenum	<0.0050		1.00	1.03		mg/L		102	75 - 125
Selenium	<0.0025		0.100	0.0896		mg/L		90	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-269641-6 MS

Matrix: Water

Analysis Batch: 823053

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	5.0		1.00	5.48	4	mg/L		49	75 - 125

Lab Sample ID: 500-269641-6 MS

Matrix: Water

Analysis Batch: 823158

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.026		0.100	0.136		mg/L		110	75 - 125

Lab Sample ID: 500-269641-6 MSD

Matrix: Water

Analysis Batch: 822832

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<0.0030		0.500	0.484		mg/L		97	75 - 125	11	20
Arsenic	<0.0010		0.100	0.0927		mg/L		92	75 - 125	11	20
Barium	0.051		0.500	0.515		mg/L		93	75 - 125	11	20
Beryllium	<0.0010		0.0500	0.0460		mg/L		92	75 - 125	8	20
Cadmium	<0.00050		0.0500	0.0444		mg/L		89	75 - 125	10	20
Calcium	66		10.0	69.6	4	mg/L		32	75 - 125	12	20
Chromium	<0.0050		0.200	0.181		mg/L		90	75 - 125	9	20
Cobalt	<0.0010		0.500	0.476		mg/L		95	75 - 125	11	20
Lead	<0.00050		0.100	0.0896		mg/L		90	75 - 125	12	20
Molybdenum	<0.0050		1.00	0.925		mg/L		92	75 - 125	10	20
Selenium	<0.0025		0.100	0.0765		mg/L		76	75 - 125	16	20
Thallium	<0.0020		0.100	0.0901		mg/L		90	75 - 125	12	20

Lab Sample ID: 500-269641-6 MSD

Matrix: Water

Analysis Batch: 823053

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Boron	5.0		1.00	6.01	4	mg/L		102	75 - 125	9	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-6 MSD

Matrix: Water

Analysis Batch: 823158

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.026		0.100	0.125		mg/L		99	75 - 125	9	20

Lab Sample ID: 500-269641-6 DU

Matrix: Water

Analysis Batch: 822832

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

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	0.051		0.0512		mg/L		0.2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	66		66.1		mg/L		0.5	20
Chromium	<0.0050		0.00824		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-269641-6 DU

Matrix: Water

Analysis Batch: 823053

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	5.0		5.10		mg/L		2	20

Lab Sample ID: 500-269641-6 DU

Matrix: Water

Analysis Batch: 823158

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 822491

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.026		0.0259		mg/L		2	20

Lab Sample ID: MB 500-822661/1-A

Matrix: Water

Analysis Batch: 822970

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/20/25 14:16	06/23/25 13:39	1
Arsenic	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Barium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:39	1
Beryllium	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Cadmium	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Calcium	<0.20		0.20		mg/L		06/20/25 14:16	06/23/25 13:39	1
Chromium	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Cobalt	<0.0010		0.0010		mg/L		06/20/25 14:16	06/23/25 13:39	1
Lead	<0.00050		0.00050		mg/L		06/20/25 14:16	06/23/25 13:39	1
Molybdenum	<0.0050		0.0050		mg/L		06/20/25 14:16	06/23/25 13:39	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-822661/1-A

Matrix: Water

Analysis Batch: 822970

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0025		0.0025		mg/L		06/20/25 14:16	06/23/25 13:39	1
Thallium	<0.0020		0.0020		mg/L		06/20/25 14:16	06/23/25 13:39	1

Lab Sample ID: MB 500-822661/1-A

Matrix: Water

Analysis Batch: 823053

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		06/20/25 14:16	06/23/25 15:35	1
Lithium	<0.010		0.010		mg/L		06/20/25 14:16	06/23/25 15:35	1

Lab Sample ID: LCS 500-822661/2-A

Matrix: Water

Analysis Batch: 822970

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Arsenic	0.100	0.0970		mg/L		97	80 - 120
Barium	0.500	0.503		mg/L		101	80 - 120
Beryllium	0.0500	0.0547		mg/L		109	80 - 120
Cadmium	0.0500	0.0511		mg/L		102	80 - 120
Calcium	10.0	9.98		mg/L		100	80 - 120
Chromium	0.200	0.208		mg/L		104	80 - 120
Cobalt	0.500	0.543		mg/L		109	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	0.989		mg/L		99	80 - 120
Selenium	0.100	0.0978		mg/L		98	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: LCS 500-822661/2-A

Matrix: Water

Analysis Batch: 823053

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.04		mg/L		104	80 - 120
Lithium	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: 500-269641-18 MS

Matrix: Water

Analysis Batch: 822970

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.529		mg/L		106	75 - 125
Arsenic	0.0044		0.100	0.104		mg/L		99	75 - 125
Barium	0.098		0.500	0.584		mg/L		97	75 - 125
Beryllium	<0.0010		0.0500	0.0532		mg/L		106	75 - 125
Cadmium	<0.00050		0.0500	0.0496		mg/L		99	75 - 125
Calcium	88		10.0	100	4	mg/L		118	75 - 125
Chromium	<0.0050		0.200	0.199		mg/L		99	75 - 125
Cobalt	0.0020		0.500	0.513		mg/L		102	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-18 MS

Matrix: Water

Analysis Batch: 822970

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.0019		0.100	0.102		mg/L		100	75 - 125
Molybdenum	0.31		1.00	1.31		mg/L		100	75 - 125
Selenium	<0.0025		0.100	0.0983		mg/L		98	75 - 125
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 500-269641-18 MS

Matrix: Water

Analysis Batch: 823053

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	3.5		1.00	4.54		mg/L		108	75 - 125

Lab Sample ID: 500-269641-18 MS

Matrix: Water

Analysis Batch: 823158

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.038		0.100	0.150		mg/L		112	75 - 125

Lab Sample ID: 500-269641-18 MSD

Matrix: Water

Analysis Batch: 822970

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<0.0030		0.500	0.548		mg/L		110	75 - 125	4	20
Arsenic	0.0044		0.100	0.106		mg/L		101	75 - 125	2	20
Barium	0.098		0.500	0.601		mg/L		100	75 - 125	3	20
Beryllium	<0.0010		0.0500	0.0551		mg/L		110	75 - 125	3	20
Cadmium	<0.00050		0.0500	0.0513		mg/L		103	75 - 125	3	20
Calcium	88		10.0	103	4	mg/L		150	75 - 125	3	20
Chromium	<0.0050		0.200	0.206		mg/L		103	75 - 125	4	20
Cobalt	0.0020		0.500	0.533		mg/L		106	75 - 125	4	20
Lead	0.0019		0.100	0.106		mg/L		104	75 - 125	4	20
Molybdenum	0.31		1.00	1.34		mg/L		104	75 - 125	3	20
Selenium	<0.0025		0.100	0.0983		mg/L		98	75 - 125	0	20
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	1	20

Lab Sample ID: 500-269641-18 MSD

Matrix: Water

Analysis Batch: 823053

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Boron	3.5		1.00	4.69		mg/L		123	75 - 125	3	20

Lab Sample ID: 500-269641-18 MSD

Matrix: Water

Analysis Batch: 823158

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Lithium	0.038		0.100	0.155		mg/L		117	75 - 125	3	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 500-269641-18 DU

Matrix: Water

Analysis Batch: 822970

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0044		0.00346	F5	mg/L		25	20
Barium	0.098		0.0741	F3	mg/L		28	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	88		67.0	F3	mg/L		28	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0020		0.00134	F5	mg/L		38	20
Lead	0.0019		0.00144	F5	mg/L		26	20
Molybdenum	0.31		0.223	F3	mg/L		31	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-269641-18 DU

Matrix: Water

Analysis Batch: 823158

Client Sample ID: T02S

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Lithium	0.038		0.0292	F5	mg/L		26	20

Lab Sample ID: 500-269641-A-18-C DU ^5

Matrix: Water

Analysis Batch: 823053

Client Sample ID: 500-269641-A-18-C DU ^5

Prep Type: Total Recoverable

Prep Batch: 822661

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	5.16		2.59	F3	mg/L		66	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-822044/12-A

Matrix: Water

Analysis Batch: 822206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822044

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		06/17/25 10:15	06/18/25 08:46	1

Lab Sample ID: LCS 500-822044/13-A

Matrix: Water

Analysis Batch: 822206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00181		mg/L		91	80 - 120

Lab Sample ID: 500-269641-4 MS

Matrix: Water

Analysis Batch: 822206

Client Sample ID: T06S

Prep Type: Total/NA

Prep Batch: 822044

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	<0.00020		0.000999	0.000853		mg/L		85	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-4 MSD

Matrix: Water

Analysis Batch: 822206

Client Sample ID: T06S

Prep Type: Total/NA

Prep Batch: 822044

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000836		mg/L		84	75 - 125	2	20

Lab Sample ID: 500-269641-4 DU

Matrix: Water

Analysis Batch: 822206

Client Sample ID: T06S

Prep Type: Total/NA

Prep Batch: 822044

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 500-822436/12-A

Matrix: Water

Analysis Batch: 822643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822436

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 08:32	1

Lab Sample ID: LCS 500-822436/25-A

Matrix: Water

Analysis Batch: 822643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00189		mg/L		95	80 - 120

Lab Sample ID: MB 500-822439/12-A

Matrix: Water

Analysis Batch: 822643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/19/25 10:35	06/20/25 08:54	1

Lab Sample ID: LCS 500-822439/13-A

Matrix: Water

Analysis Batch: 822643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822439

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00207		mg/L		104	80 - 120

Lab Sample ID: MB 500-822895/12-A

Matrix: Water

Analysis Batch: 823110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 822895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/23/25 11:05	06/24/25 07:36	1

Lab Sample ID: LCS 500-822895/13-A

Matrix: Water

Analysis Batch: 823110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 822895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00195		mg/L		98	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: MB 500-821574/1

Matrix: Water

Analysis Batch: 821574

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			06/13/25 08:16	1

Lab Sample ID: LCS 500-821574/2

Matrix: Water

Analysis Batch: 821574

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	272		mg/L		109	80 - 120

Lab Sample ID: 500-269641-1 MS

Matrix: Water

Analysis Batch: 821574

Client Sample ID: G31S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	990		250	1290		mg/L		117	75 - 125

Lab Sample ID: 500-269641-1 DU

Matrix: Water

Analysis Batch: 821574

Client Sample ID: G31S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	990			998		mg/L		0.4	5

Lab Sample ID: 500-269641-2 DU

Matrix: Water

Analysis Batch: 821574

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	400			416		mg/L		3	5

Lab Sample ID: MB 500-822327/1

Matrix: Water

Analysis Batch: 822327

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			06/18/25 23:37	1

Lab Sample ID: LCS 500-822327/2

Matrix: Water

Analysis Batch: 822327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	244		mg/L		98	80 - 120

Lab Sample ID: 500-269641-8 MS

Matrix: Water

Analysis Batch: 822327

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	700		250	994		mg/L		118	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: 500-269641-8 DU

Matrix: Water

Analysis Batch: 822327

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	700		692		mg/L		1	5

Lab Sample ID: 500-269641-9 DU

Matrix: Water

Analysis Batch: 822327

Client Sample ID: G39S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	540		528		mg/L		2	5

Lab Sample ID: MB 500-822527/1

Matrix: Water

Analysis Batch: 822527

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			06/20/25 05:50	1

Lab Sample ID: LCS 500-822527/2

Matrix: Water

Analysis Batch: 822527

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	244		mg/L		98	80 - 120

Lab Sample ID: 500-269641-14 MS

Matrix: Water

Analysis Batch: 822527

Client Sample ID: G47S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	970		250	1260		mg/L		114	75 - 125

Lab Sample ID: 500-269641-14 DU

Matrix: Water

Analysis Batch: 822527

Client Sample ID: G47S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	970		1020		mg/L		5	5

Lab Sample ID: 500-269641-15 DU

Matrix: Water

Analysis Batch: 822527

Client Sample ID: R32S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	770		806		mg/L		4	5

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-821059/16

Matrix: Water

Analysis Batch: 821059

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/10/25 13:27	1

Lab Sample ID: MB 500-821059/31

Matrix: Water

Analysis Batch: 821059

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/10/25 13:29	1

Lab Sample ID: LCS 500-821059/17

Matrix: Water

Analysis Batch: 821059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: LCS 500-821059/32

Matrix: Water

Analysis Batch: 821059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: 500-269641-2 MS

Matrix: Water

Analysis Batch: 821059

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12		20.0	29.4		mg/L		86	75 - 125

Lab Sample ID: 500-269641-2 MSD

Matrix: Water

Analysis Batch: 821059

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12		20.0	29.5		mg/L		86	75 - 125	0	20

Lab Sample ID: MB 500-821454/16

Matrix: Water

Analysis Batch: 821454

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/12/25 11:27	1

Lab Sample ID: MB 500-821454/67

Matrix: Water

Analysis Batch: 821454

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/12/25 13:08	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: LCS 500-821454/17

Matrix: Water

Analysis Batch: 821454

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		98	85 - 115

Lab Sample ID: LCS 500-821454/68

Matrix: Water

Analysis Batch: 821454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-269641-5 MS

Matrix: Water

Analysis Batch: 821454

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120	F1	20.0	133	4	mg/L		79	75 - 125

Lab Sample ID: 500-269641-5 MSD

Matrix: Water

Analysis Batch: 821454

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120	F1	20.0	133	4	mg/L		78	75 - 125	0	20

Lab Sample ID: MB 500-822103/16

Matrix: Water

Analysis Batch: 822103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/17/25 12:03	1

Lab Sample ID: LCS 500-822103/17

Matrix: Water

Analysis Batch: 822103

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		101	85 - 115

Lab Sample ID: MB 500-822793/16

Matrix: Water

Analysis Batch: 822793

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/22/25 11:55	1

Lab Sample ID: LCS 500-822793/17

Matrix: Water

Analysis Batch: 822793

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	19.4		mg/L		97	85 - 115

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-822097/3
Matrix: Water
Analysis Batch: 822097

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			06/17/25 10:21	1

Lab Sample ID: MB 500-822097/31
Matrix: Water
Analysis Batch: 822097

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			06/17/25 12:00	1

Lab Sample ID: LCS 500-822097/32
Matrix: Water
Analysis Batch: 822097

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	9.85		mg/L		99	90 - 119

Lab Sample ID: LCS 500-822097/4
Matrix: Water
Analysis Batch: 822097

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 500-822910/3
Matrix: Water
Analysis Batch: 822910

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			06/23/25 10:06	1

Lab Sample ID: LCS 500-822910/4
Matrix: Water
Analysis Batch: 822910

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	9.86		mg/L		99	90 - 119

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-821023/16
Matrix: Water
Analysis Batch: 821023

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/10/25 11:29	1

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

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

Lab Sample ID: LCS 500-821023/17

Matrix: Water

Analysis Batch: 821023

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

Lab Sample ID: 500-269641-2 MS

Matrix: Water

Analysis Batch: 821023

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	94		20.0	113	4	mg/L		93	75 - 125

Lab Sample ID: 500-269641-2 MSD

Matrix: Water

Analysis Batch: 821023

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	94		20.0	113	4	mg/L		94	75 - 125	0	20

Lab Sample ID: MB 500-821479/16

Matrix: Water

Analysis Batch: 821479

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/12/25 14:18	1

Lab Sample ID: LCS 500-821479/17

Matrix: Water

Analysis Batch: 821479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.8		mg/L		104	88 - 123

Lab Sample ID: MB 500-822149/20

Matrix: Water

Analysis Batch: 822149

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/17/25 15:23	1

Lab Sample ID: LCS 500-822149/21

Matrix: Water

Analysis Batch: 822149

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	19.7		mg/L		98	88 - 123

Lab Sample ID: MB 500-822884/16

Matrix: Water

Analysis Batch: 822884

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/23/25 09:42	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: LCS 500-822884/17

Matrix: Water

Analysis Batch: 822884

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	19.9		mg/L		99	88 - 123		

Lab Sample ID: 500-269641-18 MS

Matrix: Water

Analysis Batch: 822884

Client Sample ID: T02S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	320		20.0	338	4	mg/L		68	75 - 125		

Lab Sample ID: 500-269641-18 MSD

Matrix: Water

Analysis Batch: 822884

Client Sample ID: T02S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	320		20.0	336	4	mg/L		55	75 - 125	1	20

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



analysis of food

Client Information		Sampler: <u>Noe L.</u>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No. 500-137622-50642 2																			
Client Contact: James Thorne		Phone		E Mail. Diana Mockler@et.eurofinsus.com		State of Origin		Page <u>Page 2 of 3</u>																			
Company Midwest Generation EME LLC		PWSID		Analysis Requested					Job # <u>500-269641</u>																		
Address 1800 Channahon Road		Due Date Requested		 500-269641 COC					Preservation Codes D HNO3 N None																		
City Joliet		TAT Requested (days)							Other																		
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No																									
Phone		PO #. 4502187984																									
Email. james.thorne@nrg.com		WO #.																									
Project Name Joliet #9 CCR		Project #: 50011504		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPc - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E					Total Number of containers																		
Site Illinois		SSOW#							Special Instructions/Note:																		
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPc - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note:	
~~1 G31S~~		~~06/09/25~~		~~1126~~		~~Water~~		~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~		~~5~~		<del></del>	
2 G33S		06/09/25		1304		Water		Water		X		X		D		D		D		D		N		5			
T01S						Water		Water																			
T02S						Water		Water																			
T04S						Water		Water																			
T05S						Water		Water																			
T06S						Water		Water																			
T08S						Water		Water																			
T09S						Water		Water																			
T12S						Water		Water																			
T13S						Water		Water																			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																	
Deliverable Requested I, II III IV, Other (specify)										Special Instructions/QC Requirements																	
Empty Kit Relinquished by:				Date				Time				Method of Shipment.															
Relinquished by: <u>[Signature]</u>				Date/Time 06/09/25 1434				Company EEIA				Received by: <u>[Signature]</u>				Date/Time 06/09/25 1434				Company EEIA							
Relinquished by:				Date/Time				Company				Received by:				Date/Time				Company							
Relinquished by:				Date/Time				Company				Received by:				Date/Time				Company							
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 1.9 → 2.5 48qt																							

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Page 57 of 99

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18410 Crossing Drive Suite E

Tinley Park IL 60487

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

Chain of Custody Record

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n i t i a t i o n

Client Information		Sampler: <i>Noe L.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 2																																			
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofins.com		State of Origin		Page ~~Page 2 of 3~~																																			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-269641</i>																																	
Address 1800 Channahon Road		Due Date Requested		<table border="1"><tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (Yes or No)</td><td>903.0 - Standard Target List</td><td>Ra226Ra228 - GFPC - Local Method</td><td>904.0 - Standard Target List</td><td>6020A, 7470A</td><td>2540C, 4500_F_C, SM4500_CLE, SM4500_S04_E</td><td rowspan="5">Total Number of containers</td></tr><tr><td>TAT Requested (days)</td><td>Compliance Project. ☐ Yes ☐ No</td><td>PO # 4502187984</td><td>WO #</td><td>Project # 50011504</td><td>SSOW#</td></tr><tr><td>City Joliet</td><td>State Zip IL, 60436</td><td>Phone</td><td>Email james.thorne@nrg.com</td><td>Project Name Joliet #9 CCR</td><td>Site Illinois</td></tr><tr><td colspan="6">500-269641 COC</td></tr><tr><td colspan="6">QR Code</td></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GFPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE, SM4500_S04_E	Total Number of containers	TAT Requested (days)	Compliance Project. ☐ Yes ☐ No	PO # 4502187984	WO #	Project # 50011504	SSOW#	City Joliet	State Zip IL, 60436	Phone	Email james.thorne@nrg.com	Project Name Joliet #9 CCR	Site Illinois	500-269641 COC						QR Code						Preservation Codes D HNO3 N None	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GFPC - Local Method							904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE, SM4500_S04_E	Total Number of containers																														
TAT Requested (days)	Compliance Project. ☐ Yes ☐ No	PO # 4502187984	WO #							Project # 50011504	SSOW#																																
City Joliet	State Zip IL, 60436	Phone	Email james.thorne@nrg.com							Project Name Joliet #9 CCR	Site Illinois																																
500-269641 COC																																											
QR Code																																											
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, DW=Drinking Water)		Special Instructions/Note:																																	
~~G318~~		~~06/10/25~~		~~1023~~		~~Water~~		~~Water~~		~~5~~																																	
~~G338~~		~~06/11/25~~		~~1225~~		~~Water~~		~~Water~~		~~5~~																																	
~~F018~~						~~Water~~		~~Water~~																																			
~~F025~~						~~Water~~		~~Water~~																																			
~~F048~~						~~Water~~		~~Water~~																																			
~~F068~~						~~Water~~		~~Water~~																																			
~~F088~~						~~Water~~		~~Water~~																																			
~~F095~~						~~Water~~		~~Water~~																																			
~~F125~~						~~Water~~		~~Water~~																																			
~~F135~~						~~Water~~		~~Water~~																																			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																	
Deliverable Requested I, II, III, IV, Other (specify)										Special Instructions/QC Requirements																																	
Empty Kit Relinquished by				Date		Time		Method of Shipment																																			
Relinquished by: <i>92</i>				Date/Time 06/10/25 1514		Company EETA		Received by: <i>Shi</i>		Date/Time 6/11/25 1514																																	
Relinquished by:				Date/Time		Company		Received by:		Date/Time																																	
Relinquished by:				Date/Time		Company		Received by:		Date/Time																																	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <i>2.0 → 2.3</i>																																							

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Tinley Park IL 60487

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

Chain of Custody Record

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RECEIVED

Client Information		Sampler: NOR L		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 1	
Client Contact James Thorne		Phone		E-Mail Diana.Mockler@et.eurofinsus.com		State of Origin		Page Page 1 of 3	
Company Midwest Generation EME LLC				PWSID		Analysis Reqd		Job # 500-269641	
Address 1800 Channahon Road		Due Date Requested		 500-269641 COC		Preservation Codes D HNO3 N None		Other:	
City Joliet		TAT Requested (days)							
State Zip IL 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO # 4502187984							
Email james.thorne@nrg.com		WO #							
Project Name Joliet #9 CCR		Project # 50011504		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Site Illinois		SSOW#		903.0 - Standard Target List		Ra226Ra228_GPPC - Local Method		904.0 - Standard Target List	
				6020A, 7470A		2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
						Preservation Code		D D D D N	
8 ~~R005~~ G44S		06/12/25		1044		Water		5	
9 ~~G20S~~ G39S		06/12/25		1146		Water		5	
10 ~~R02S~~ G46S		06/12/25		1318		Water		5	
11 ~~G44S~~ G45S		06/12/25		1425		Water		5	
~~G46S~~						Water			
~~G40S~~						Water			
~~G47S~~						Water			
~~G40S~~						Water			
~~T03S~~						Water			
~~G00S~~						Water			
~~DUP~~						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 ET				Date/Time 06/12/25 1535		Company EETA		Date/Time 6/12/25 1535	
Relinquished by				Date/Time		Company		Date/Time	
Relinquished by				Date/Time		Company		Date/Time	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 1.7 + 2.3					

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Ver 10/10/2024 6/27/2025

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: Noe Lopez / John H.		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-137622-50642 1																			
Client Contact: James Thorne		Phone:		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin:		Page: Page																			
Company: Midwest Generation EME LLC				PWSID:		Job #: 500-269641																					
Address: 1800 Channahon Road		Due Date Requested:		Analysis Requested  500-269641 COC						Preservation Codes: D HNO3 N None																	
City: Joliet		TAT Requested (days):								Preservation Codes:																	
State, Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No								Preservation Codes:																	
Phone:		PO #: 4502187984								Preservation Codes:																	
Email: james.thorne@nrg.com		WO #:								Preservation Codes:																	
Project Name: Joliet #9 CCR		Project #: 50011504								Other:																	
Site: Illinois		SSOW#:																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra228Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note.	
18 T02S		06/17/25		1056				Water																			
19 T08S		06/17/25		1316				Water																			
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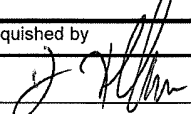
Tinley Park IL 60487

Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins

Environment & Air

Client Information		Sampler Noe Lopez / John H.		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-137622-50642.1						
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page						
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # 500-269641				
Address 1800 Channahon Road		Due Date Requested		 500-269641 COC						Preservation Codes D HNO3 N None				
City Joliet		TAT Requested (days)								Other:				
State/Zip IL, 60436		Compliance Project. ☐ Yes ☐ No												
Phone		PO # 4502187984												
Email james.thorne@nrg.com		WO #		Total Number of containers						Special Instructions/Note				
Project Name Joliet #9 CCR		Project # 50011504												
Site Illinois		SSOW#												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E		
				Preservation Code				D	D	D	D	N		
20	T11S	06/18/25	1038		Water			/	/	/	/	/		5
21	DUP of T11S	06/18/25	1038		Water			/	/	/	/	/		5
					Water									
					Water									
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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 06/18/25 1355		Company EETA		Received by:			Date/Time			Company		
Relinquished by:		Date/Time		Company		Received by:			Date/Time			Company		
Relinquished by:		Date/Time		Company		Received by:			Date/Time			Company		
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 12 → 18 489f										

1. Introduction

Ver 05/06/2024

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-1

Login Number: 269641

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5,1.8,2.3,2.3,0.9,3.1,2.5,1.8,0.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821360	RN	EET CHI	06/11/25 15:08
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821113	RN	EET CHI	06/10/25 15:03
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:16
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:23
Total/NA	Analysis	SM 4500 Cl- E		5	821059	TR	EET CHI	06/10/25 13:45
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:10
Total/NA	Analysis	SM 4500 SO4 E		20	821023	TR	EET CHI	06/10/25 11:51
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/09/25 11:26

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821360	RN	EET CHI	06/11/25 15:11
Total Recoverable	Prep	3005A			820931	BDE	EET CHI	06/10/25 08:04 - 06/10/25 14:04 ¹
Total Recoverable	Analysis	6020B		1	821113	RN	EET CHI	06/10/25 15:05
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:18
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:31
Total/NA	Analysis	SM 4500 Cl- E		1	821059	TR	EET CHI	06/10/25 13:29
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:14
Total/NA	Analysis	SM 4500 SO4 E		5	821023	TR	EET CHI	06/10/25 11:52
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/09/25 13:04

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:21
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:20
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:36
Total/NA	Analysis	SM 4500 Cl- E		2	821454	TR	EET CHI	06/12/25 11:58
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:18
Total/NA	Analysis	SM 4500 SO4 E		10	821479	TR	EET CHI	06/12/25 14:38
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 10:17

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T06S

Date Collected: 06/10/25 12:03

Date Received: 06/10/25 15:45

Lab Sample ID: 500-269641-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:23
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:22
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:39
Total/NA	Analysis	SM 4500 Cl- E		1	821454	TR	EET CHI	06/12/25 11:31
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:21
Total/NA	Analysis	SM 4500 SO4 E		5	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 12:03

Client Sample ID: T05S

Date Collected: 06/10/25 14:11

Date Received: 06/10/25 15:45

Lab Sample ID: 500-269641-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		1	821548	RN	EET CHI	06/12/25 15:26
Total Recoverable	Prep	3005A			821088	BDE	EET CHI	06/11/25 07:54 - 06/11/25 13:54 ¹
Total Recoverable	Analysis	6020B		10	821548	RN	EET CHI	06/12/25 15:47
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:29
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:41
Total/NA	Analysis	SM 4500 Cl- E		5	821454	TR	EET CHI	06/12/25 11:58
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:24
Total/NA	Analysis	SM 4500 SO4 E		20	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/10/25 14:11

Client Sample ID: G30S

Date Collected: 06/11/25 10:23

Date Received: 06/11/25 15:14

Lab Sample ID: 500-269641-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 14:52
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:51
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		5	823053	RN	EET CHI	06/23/25 15:06
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:31
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:44
Total/NA	Analysis	SM 4500 Cl- E		5	821454	TR	EET CHI	06/12/25 13:22
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:28

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		20	821479	TR	EET CHI	06/12/25 14:39
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/11/25 10:23

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:21
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:47
Total/NA	Prep	7470A			822044	MJG	EET CHI	06/17/25 10:15 - 06/17/25 12:15 ¹
Total/NA	Analysis	7470A		1	822206	MJG	EET CHI	06/18/25 09:32
Total/NA	Analysis	SM 2540C		1	821574	CLB	EET CHI	06/13/25 08:47
Total/NA	Analysis	SM 4500 Cl- E		1	821454	TR	EET CHI	06/12/25 13:08
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:31
Total/NA	Analysis	SM 4500 SO4 E		2	821479	TR	EET CHI	06/12/25 14:40
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/11/25 12:25

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:24
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:50
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:56
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/18/25 23:52
Total/NA	Analysis	SM 4500 Cl- E		2	822103	TR	EET CHI	06/17/25 12:47
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:34
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:24
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 10:44

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:26

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 11:52
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:58
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:00
Total/NA	Analysis	SM 4500 CI- E		1	822103	TR	EET CHI	06/17/25 12:03
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:45
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:25
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 11:46

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:29
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:20
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:10
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 09:59
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:05
Total/NA	Analysis	SM 4500 CI- E		2	822103	TR	EET CHI	06/17/25 12:47
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:49
Total/NA	Analysis	SM 4500 SO4 E		20	822149	TR	EET CHI	06/17/25 16:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 13:18

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:36
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:17
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:01
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:08
Total/NA	Analysis	SM 4500 CI- E		5	822103	TR	EET CHI	06/17/25 13:21
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:53

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:25
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/12/25 14:25

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:44
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:22
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:19
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:03
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:10
Total/NA	Analysis	SM 4500 Cl- E		2	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 11:56
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/13/25 10:34

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:51
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:25
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:27
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:05
Total/NA	Analysis	SM 2540C		1	822327	CLB	EET CHI	06/19/25 00:13
Total/NA	Analysis	SM 4500 Cl- E		5	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:09
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:26
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/13/25 12:23

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 15:58
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:27
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:34
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:07
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 05:55
Total/NA	Analysis	SM 4500 Cl- E		5	822103	TR	EET CHI	06/17/25 12:48
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:11
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 10:10

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:06
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:41
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:09
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:02
Total/NA	Analysis	SM 4500 Cl- E		1	822103	TR	EET CHI	06/17/25 12:04
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:14
Total/NA	Analysis	SM 4500 SO4 E		10	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 11:34

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:08
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:44
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:11
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:08
Total/NA	Analysis	SM 4500 Cl- E		5	822103	TR	EET CHI	06/17/25 12:49

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	822097	AC	EET CHI	06/17/25 12:18
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 13:15

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	822832	RN	EET CHI	06/20/25 16:11
Total Recoverable	Prep	3005A			822491	MS	EET CHI	06/19/25 14:12 - 06/19/25 20:12 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:46
Total/NA	Prep	7470A			822436	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:16
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:10
Total/NA	Analysis	SM 4500 Cl- E		1	822103	TR	EET CHI	06/17/25 12:05
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:35
Total/NA	Analysis	SM 4500 SO4 E		5	822149	TR	EET CHI	06/17/25 15:28
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/16/25 14:10

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 13:44
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:12
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		5	823053	RN	EET CHI	06/23/25 15:39
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:24
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:13
Total/NA	Analysis	SM 4500 Cl- E		5	822793	TR	EET CHI	06/22/25 12:12
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:28
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/17/25 10:56

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:06
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:31
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 15:52
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:26
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:15
Total/NA	Analysis	SM 4500 Cl- E		2	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:50
Total/NA	Analysis	SM 4500 SO4 E		20	822884	TR	EET CHI	06/23/25 10:27
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/17/25 13:16

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:16
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 15:55
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:28
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:18
Total/NA	Analysis	SM 4500 Cl- E		1	822793	TR	EET CHI	06/22/25 11:56
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 10:53
Total/NA	Analysis	SM 4500 SO4 E		5	822884	TR	EET CHI	06/23/25 10:07
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/18/25 10:38

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:18
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 15:57
Total/NA	Prep	7470A			822439	MJG	EET CHI	06/19/25 10:35 - 06/19/25 12:35 ¹
Total/NA	Analysis	7470A		1	822643	MJG	EET CHI	06/20/25 10:29
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:21
Total/NA	Analysis	SM 4500 Cl- E		1	822793	TR	EET CHI	06/22/25 11:55

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Client Sample ID: T11S Dup

Date Collected: 06/18/25 10:38

Date Received: 06/18/25 13:55

Lab Sample ID: 500-269641-21

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	822910	AC	EET CHI	06/23/25 10:56
Total/NA	Analysis	SM 4500 SO4 E		5	822884	TR	EET CHI	06/23/25 10:07
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/18/25 10:38

Client Sample ID: T01S

Date Collected: 06/19/25 10:16

Date Received: 06/19/25 12:57

Lab Sample ID: 500-269641-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:32
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823053	RN	EET CHI	06/23/25 16:05
Total/NA	Prep	7470A			822895	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
Total/NA	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 07:51
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:23
Total/NA	Analysis	SM 4500 Cl- E		5	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 11:00
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:08
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/19/25 10:16

Client Sample ID: T12S

Date Collected: 06/19/25 11:51

Date Received: 06/19/25 12:57

Lab Sample ID: 500-269641-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	822970	RN	EET CHI	06/23/25 14:34
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	823158	RN	EET CHI	06/24/25 12:41
Total Recoverable	Prep	3005A			822661	MS	EET CHI	06/20/25 14:16 - 06/20/25 20:16 ¹
Total Recoverable	Analysis	6020B		10	823053	RN	EET CHI	06/23/25 16:07
Total/NA	Prep	7470A			822895	MJG	EET CHI	06/23/25 11:05 - 06/23/25 13:05 ¹
Total/NA	Analysis	7470A		1	823110	MJG	EET CHI	06/24/25 07:53
Total/NA	Analysis	SM 2540C		1	822527	CLB	EET CHI	06/20/25 06:26
Total/NA	Analysis	SM 4500 Cl- E		2	822793	TR	EET CHI	06/22/25 12:13
Total/NA	Analysis	SM 4500 F C		1	822910	AC	EET CHI	06/23/25 11:02
Total/NA	Analysis	SM 4500 SO4 E		10	822884	TR	EET CHI	06/23/25 10:08
Total/NA	Analysis	Field Sampling		1	821829	JVB	EET CHI	06/19/25 11:51

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

Laboratory References:

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

Eurofins Chicago

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25

Job ID: 500-269641-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 269641.1

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: 06/09/25 Start Purge: 1113 End Purge: 1126
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.59

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.23 7.26 7.26 (std.)
Ref. Measuring Pt. TIC SC 1556 1547 1547 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 15.50 15.48 15.48 (°C)
Water Level 26.23 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 509.44 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 71°F, Mostly Sunny, SW winds e 5-10 mph
Turbidity: 0.45 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 26.23 - 2.58 = 23.65 (ft.)
Levels were taken on 06/09/25 @ 1108

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-249641-2

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/09/25 Start Purge: 1243 End Purge: 1304
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.54

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.23 7.22 7.22 (std.)
Ref. Measuring Pt. TIC SC 819 822 822 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 16.69 16.74 16.74 (°C)
Water Level 34.12 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.55 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 73°F, Mostly Cloudy, SW winds e 5-10 mph
Turbidity: 7.14 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 34.12 - 1.73 = 32.39 (ft.)
Levels were taken on 06/09/25 @ 1238

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-219641-3

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 0959 End Purge: 1017
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.31 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1201 1196 1196 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 15.13 15.11 15.11 (°C)
Water Level 98.64 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.85 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 68°F, Sunny, SW winds 0-5 mph
Turbidity: 187.00 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 98.64 - 2.40 = 96.24 (ft.)

Levels were taken on 06/10/25 @ 0944

* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-4

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 1148 End Purge: 1203
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.16 7.14 7.14 (std.)
Ref. Measuring Pt. TIC SC 788 789 789 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 19.46 19.46 19.46 (°C)
Water Level 115.48 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.57 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 72°F, Sunny, W winds 5-10 mph
Turbidity: 1.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 115.48 - 2.30 = 113.18 (ft.)
Levels were taken on 06/10/25 @ 1133
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269041-5

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) Y
Sampling _____ Bladder Pump _____ Dedicated (Y/N) Y

PURGING INFORMATION

Purge Date: 06/10/25 Start Purge: 1354 End Purge: 1411
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 10.30 10.29 10.29 (std.)
Ref. Measuring Pt. TIC SC 2372 2372 2372 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 17.00 16.97 16.97 (°C)
Water Level 124.96 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.45 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 76°F, Sunny, W winds e 5-10 mph
Turbidity: 1.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 124.96 - 2.40 = 122.56 (ft.)
Levels were taken on 06/10/25 @ 1339
* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-6

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/11/25 Start Purge: 1005 End Purge: 1023
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.89 7.89 7.89 (std.)
Ref. Measuring Pt. TIC SC 2032 2030 2030 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 15.44 15.41 15.41 (°C)
Water Level 1.81 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.97 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 78°F, Sunny, SW winds @ 5-10 mph
Turbidity: 0.67 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.81 - 2.31 = -0.50 (ft.)
Levels were taken on 06/11/25 @ 1000

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite #
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-7

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 06/11/25 Start Purge: 1207 End Purge: 1225
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.56 7.51 7.51 (std.)
Ref. Measuring Pt. TIC SC 672 671 671 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 24.97 25.08 25.08 (°C)
Water Level 70.94 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 509.85 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 85°F, Mostly Sunny, SW winds 5-10 mph
Turbidity: 0.27 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 70.94 - 2.78 = 68.16 (ft.)
Levels were taken on 06/11/25 @ 1202

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-8

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1024 End Purge: 1044
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.00 7.00 7.00 (std.)
Ref. Measuring Pt. TIC SC 1195 1196 1196 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 14.60 14.57 14.57 (°C)
Water Level 79.35 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.27 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 82°F, Partly Sunny, SE winds e 0-5 mph
Turbidity: 9.64 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 79.35 - 2.18 = 77.17 (ft)
Levels were taken on 06/12/25 @ 1014

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-9

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1128 End Purge: 1146
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.21 7.20 7.20 (std.)
Ref. Measuring Pt. TIC SC 765 763 763 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 14.56 14.55 14.55 (°C)
Water Level 92.40 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.34 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No odor
Weather Conditions: 83°F, Mostly Sunny, E winds 0-5 mph
Turbidity 11.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 92.40 - 2.08 = 90.32 (ft)
Levels were taken on 06/12/25 @ 1123

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-10

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1304 End Purge: 1318
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.98 8.02 8.02 (std.)
Ref. Measuring Pt. TIC SC 1393 1394 1394 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 16.08 15.99 15.99 (°C)
Water Level 95.29 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.03 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 85°F, Mostly Cloudy, SE winds 0-5 mph
Turbidity: 134.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 95.29 - 2.70 = 92.59 ft.
Levels were taken on 06/12/25 @ 1259

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269041-11

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 06/12/25 Start Purge: 1409 End Purge: 1425
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.28 7.26 7.26 (std.)
Ref. Measuring Pt. TIC SC 1071 1098 1098 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 15.55 15.50 15.50 (°C)
Water Level 63.97 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 539.84 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 87°F, Partly Sunny, SE winds e 0-5 mph
Turbidity: 0.78 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 63.97 - 2.97 = 61.00 (ft)
Levels were taken on 06/12/25 @ 1404

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-12

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 06/13/25 Start Purge: 1019 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 8.12 8.18 8.18 (std.)
Ref. Measuring Pt. TIC SC 1133 1132 1132 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 13.95 13.95 13.95 (°C)
Water Level 66.31 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 512.33 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 69°F, Cloudy, NE winds e 0-5 mph
Turbidity: 0.63 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 66.31 - 2.55 = 63.76 (ft.)
Levels were taken on 06/13/25 @ 1009

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-2691641-13

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/13/25 Start Purge: 1210 End Purge: 1223
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 8.14 8.18 8.18 (std.)
Ref. Measuring Pt. TIC SC 1543 1545 1545 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 15.76 15.74 15.74 (°C)
Water Level 104.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 515.94 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 71°F, Cloudy, NE winds e 0-5 mph
Turbidity: 0.71 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 104.79 - 2.45 = 102.34 (ft.)
Levels were taken on 06/13/25 @ 1205

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 269041 - 14

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (N)

PURGING INFORMATION

Purge Date: 06/13/25 ¹⁶_{PS} Start Purge: 0952 (2400 Hr. Clock) End Purge: 1010
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 8.94 8.96 8.96 (std.)
Ref. Measuring Pt. TIC SC 1569 1566 1566 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 16.72 16.81 16.81 (°C)
Water Level 94.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.96 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 80°F, Sunny, SE winds @ 0-5 mph
Turbidity: 0.35 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 94.20 - 2.50 = 91.70 (ft.)
Levels were taken on 06/13/25 ¹⁶_{PS} @ 0942

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641.15

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (N)
Sampling _____ Bladder Pump _____ Dedicated (N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1115 End Purge: 1134
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.21 7.23 7.23 (std.)
Ref. Measuring Pt. TIC SC 875 884 884 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 13.29 13.33 13.33 (°C)
Water Level 18.89 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 518.15 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 82°F, Mostly Sunny, 67°F, SE winds @ 0-5 mph
Turbidity: 0.83 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 18.89 - 2.03 = 16.86 (ft.)
Levels were taken on 06/16/25 @ 1110

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-16

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1257 End Purge: 1315
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.07 7.07 7.07 (std.)
Ref. Measuring Pt. TIC SC 111 1127 1127 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 13.82 13.71 13.71 (°C)
Water Level 138.85 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.88 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 87°F, Sunny, SE winds @ 0-5 mph
Turbidity: 0.38 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 138.85 - 3.08 = 135.77 (ft.)
Levels were taken on 06/16/25 @ 1252
* Total Depth = 172.95

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-17

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 06/16/25 Start Purge: 1400 End Purge: 1410
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.77

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.31 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1002 999 999 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 16.36 16.36 16.36 (°C)
Water Level 20.22 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.11 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 87°F, Sunny, SE winds 0-5 mph
Turbidity: 4.37 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.22 - 2.76 = 17.46 (ft.)
Levels were taken on 06/16/25 @ 1355
* Total Depth: 73.12 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-209141-18

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/17/25 Start Purge: 1037 End Purge: 1056
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.62

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.33 (ft) pH 7.24 7.22 7.22 (std.)
Ref. Measuring Pt. TIC SC 1338 1345 1345 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 24.37 24.34 24.34 (°C)
Water Level 135.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 490.94 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Light Gray, Moderate Turbidity, No Odor
Weather Conditions: 85°F, Sunny, SW winds @ 5-10 mph
Turbidity: 169.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 135.20 - 2.33 = 132.87 (ft.)
Levels were taken on 06/17/25 @ 1022
* Total Depth = 172.75

(Updated: 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-19

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 06/17/25 Start Purge: 1300 End Purge: 1316
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 8.13 8.16 8.16 (std.)
Ref. Measuring Pt. TIC SC 1367 1375 1375 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 29.19 29.11 29.11 (°C)
Water Level 129.70 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.73 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 90°F, Mostly Cloudy, SW winds @ 5-10 mph
Turbidity: 9.22 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 129.70 - 2.38 = 127.32 (ft)
Levels were taken on 06/17/25 @ 1245
* Total Deth = 180.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-20

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/18/25 Start Purge: 1018 End Purge: 1038
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.24 7.25 7.25 (std.)
Ref. Measuring Pt. TIC SC 929 928 928 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 22.25 22.15 22.15 (°C)
Water Level 75.10 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 484.30 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 82°F, Mostly Cloudy, SW winds 0-5 mph
Turbidity 40.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 75.10 - 2.74 = 72.36 (ft.)
Levels were taken on 06/18/25 @ 1003
* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-209641-21

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 06/18/25 Start Purge: _____ End Purge: _____
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity _____ NTU _____
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____
* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-22

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 06/19/25 Start Purge: 1010 End Purge: 1016
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.85 7.84 7.84 (std.)
Ref. Measuring Pt. TIC SC 1444 1443 1443 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 20.10 20.08 20.08 (°C)
Water Level 126.19 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.64 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, Slight Odor
Weather Conditions: 72°F, Partly Sunny, NW winds 0-5 mph
Turbidity: 324.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.19 - 2.48 = 123.71 (ft)
Levels were taken on 06/19/25 @ 0955
* Total Depth = 170.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-269641-23

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 06/19/25 Start Purge: 1139 End Purge: 1151
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.62 7.62 7.62 (std.)
Ref. Measuring Pt. TIC SC 1387 1387 1387 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 14.39 14.43 14.43 (°C)
Water Level 73.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.15 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 78°F, Mostly Sunny, W winds @ 0-5 mph
Turbidity: 49.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 73.58 - 2.74 = 70.84 (ft.)
Levels were taken on 06/19/25 @ 1134
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/18/2025 4:28:38 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR 2Q25 (RAD)

JOB NUMBER

500-269641-2

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Job ID: 500-269641-2

Eurofins Chicago

Job Narrative 500-269641-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/9/2025 2:34 PM, 6/10/2025 3:45 PM, 6/11/2025 3:14 PM, 6/12/2025 3:35 PM, 6/13/2025 3:14 PM, 6/16/2025 3:23 PM, 6/17/2025 3:10 PM, 6/18/2025 1:55 PM and 6/19/2025 12:57 PM. 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 0.9°C, 0.9°C, 1.8°C, 1.8°C, 2.3°C, 2.3°C, 2.5°C and 3.1°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 723213

The detection goal was not met for the following sample due to the reduced sample volume in prep attributed to the presence of matrix interferences: T08S (500-269641-19). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 723854

The LCS recovered at (127%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-723854/2-A)

Method 904.0: Radium-228 batch 723854

The detection goal was not met for the following sample due to the reduced sample volume used in prep attributed to the presence of matrix interferences: T01S (500-269641-22). Analytical results are reported with the detection limit achieved.

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

Rad

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

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Method Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-269641-1	G31S	Water	06/09/25 11:26	06/09/25 14:34
500-269641-2	G33S	Water	06/09/25 13:04	06/09/25 14:34
500-269641-3	T09S	Water	06/10/25 10:17	06/10/25 15:45
500-269641-4	T06S	Water	06/10/25 12:03	06/10/25 15:45
500-269641-5	T05S	Water	06/10/25 14:11	06/10/25 15:45
500-269641-6	G30S	Water	06/11/25 10:23	06/11/25 15:14
500-269641-7	G20S	Water	06/11/25 12:25	06/11/25 15:14
500-269641-8	G44S	Water	06/12/25 10:44	06/12/25 15:35
500-269641-9	G39S	Water	06/12/25 11:46	06/12/25 15:35
500-269641-10	G46S	Water	06/12/25 13:18	06/12/25 15:35
500-269641-11	G45S	Water	06/12/25 14:25	06/12/25 15:35
500-269641-12	R08S	Water	06/13/25 10:34	06/13/25 15:14
500-269641-13	G48S	Water	06/13/25 12:23	06/13/25 15:14
500-269641-14	G47S	Water	06/16/25 10:10	06/16/25 15:23
500-269641-15	R32S	Water	06/16/25 11:34	06/16/25 15:23
500-269641-16	T03S	Water	06/16/25 13:15	06/16/25 15:23
500-269641-17	T13S	Water	06/16/25 14:10	06/16/25 15:23
500-269641-18	T02S	Water	06/17/25 10:56	06/17/25 15:10
500-269641-19	T08S	Water	06/17/25 13:16	06/17/25 15:10
500-269641-20	T11S	Water	06/18/25 10:38	06/18/25 13:55
500-269641-21	T11S Dup	Water	06/18/25 10:38	06/18/25 13:55
500-269641-22	T01S	Water	06/19/25 10:16	06/19/25 12:57
500-269641-23	T12S	Water	06/19/25 11:51	06/19/25 12:57

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

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	1.47		0.429	0.449	1.00	0.408	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					06/13/25 07:20	07/10/25 15:00	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	1.14		0.396	0.410	1.00	0.455	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	83.7		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.62		0.584	0.608	5.00	0.455	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

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	<0.402	U	0.259	0.261	1.00	0.402	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					06/13/25 07:20	07/10/25 15:00	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	<0.610	U	0.388	0.390	1.00	0.610	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	77.4		30 - 110					06/13/25 07:29	07/10/25 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	0.728		0.467	0.469	5.00	0.610	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.926		0.329	0.339	1.00	0.313	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					06/13/25 07:20	07/10/25 15:00	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	0.816		0.372	0.380	1.00	0.487	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	80.0		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.74		0.497	0.509	5.00	0.487	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.706		0.315	0.321	1.00	0.357	pCi/L	06/13/25 07:20	07/10/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					06/13/25 07:20	07/10/25 15:01	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	0.753		0.377	0.384	1.00	0.514	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	82.2		30 - 110					06/13/25 07:29	07/10/25 11:54	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.46		0.491	0.500	5.00	0.514	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.385	U	0.261	0.262	1.00	0.385	pCi/L	06/13/25 07:20	07/10/25 15:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					06/13/25 07:20	07/10/25 15:01	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	<0.621	U	0.360	0.361	1.00	0.621	pCi/L	06/13/25 07:29	07/10/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					06/13/25 07:29	07/10/25 11:54	1
Y Carrier	86.7		30 - 110					06/13/25 07:29	07/10/25 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	<0.621	U	0.445	0.446	5.00	0.621	pCi/L		07/11/25 10:38	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

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	0.858		0.338	0.347	1.00	0.377	pCi/L	06/17/25 08:01	07/11/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					06/17/25 08:01	07/11/25 16:04	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	2.45		0.750	0.784	1.00	0.868	pCi/L	06/17/25 08:07	07/11/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					06/17/25 08:07	07/11/25 12:03	1
Y Carrier	54.6		30 - 110					06/17/25 08:07	07/11/25 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.31		0.823	0.857	5.00	0.868	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

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	0.825		0.340	0.348	1.00	0.377	pCi/L	06/17/25 08:01	07/11/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					06/17/25 08:01	07/11/25 16:04	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	2.18		0.654	0.684	1.00	0.758	pCi/L	06/17/25 08:07	07/11/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					06/17/25 08:07	07/11/25 12:03	1
Y Carrier	71.4		30 - 110					06/17/25 08:07	07/11/25 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.00		0.737	0.767	5.00	0.758	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.804		0.327	0.335	1.00	0.352	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.0		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.954		0.489	0.497	1.00	0.692	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.76		0.588	0.599	5.00	0.692	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.390	U	0.269	0.271	1.00	0.390	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.06		0.456	0.466	1.00	0.607	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	78.9		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.43		0.529	0.539	5.00	0.607	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	4.93		0.751	0.872	1.00	0.420	pCi/L	06/18/25 07:46	07/14/25 16:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					06/18/25 07:46	07/14/25 16:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.42		0.928	1.10	1.00	0.717	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	79.3		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	11.4		1.19	1.40	5.00	0.717	pCi/L		07/18/25 12:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.10		0.390	0.402	1.00	0.410	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.2		30 - 110					06/18/25 07:46	07/14/25 16:53	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	1.08		0.495	0.505	1.00	0.663	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.2		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.4		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.17		0.630	0.645	5.00	0.663	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

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	0.461		0.255	0.258	1.00	0.314	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					06/18/25 07:46	07/14/25 16:53	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	1.18		0.513	0.524	1.00	0.697	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	76.6		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.64		0.573	0.584	5.00	0.697	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

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	0.645		0.301	0.307	1.00	0.350	pCi/L	06/18/25 07:46	07/14/25 16:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					06/18/25 07:46	07/14/25 16:53	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	<0.584	U	0.373	0.376	1.00	0.584	pCi/L	06/18/25 07:53	07/14/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					06/18/25 07:53	07/14/25 11:50	1
Y Carrier	77.0		30 - 110					06/18/25 07:53	07/14/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.08		0.479	0.485	5.00	0.584	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

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	0.830		0.304	0.313	1.00	0.329	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.637	U	0.411	0.414	1.00	0.637	pCi/L	06/19/25 07:30	07/10/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					06/19/25 07:30	07/10/25 11:49	1
Y Carrier	86.4		30 - 110					06/19/25 07:30	07/10/25 11:49	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.37		0.511	0.519	5.00	0.637	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

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	1.53		0.364	0.389	1.00	0.255	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.455	0.472	1.00	0.524	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	83.7		30 - 110					06/19/25 07:30	07/10/25 11:51	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	2.89		0.583	0.612	5.00	0.524	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

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	0.593		0.241	0.247	1.00	0.266	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.690		0.321	0.327	1.00	0.422	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	90.5		30 - 110					06/19/25 07:30	07/10/25 11:51	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	1.28		0.401	0.410	5.00	0.422	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.544		0.265	0.270	1.00	0.342	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.508	U	0.310	0.311	1.00	0.508	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	90.8		30 - 110					06/19/25 07:30	07/10/25 11:51	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	0.818		0.408	0.412	5.00	0.508	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.90		0.537	0.564	1.00	0.517	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.2		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.11		0.703	0.730	1.00	0.865	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.2		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	88.6		30 - 110					06/19/25 07:30	07/10/25 11:51	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	4.01		0.885	0.922	5.00	0.865	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.48		0.603	0.617	1.00	0.704	pCi/L	06/19/25 07:25	07/11/25 07:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110					06/19/25 07:25	07/11/25 07:33	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.26	G	0.833	0.841	1.00	1.23	pCi/L	06/19/25 07:30	07/10/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110					06/19/25 07:30	07/10/25 11:51	1
Y Carrier	81.9		30 - 110					06/19/25 07:30	07/10/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.74		1.03	1.04	5.00	1.23	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.501		0.249	0.253	1.00	0.289	pCi/L	06/23/25 08:13	07/15/25 18:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					06/23/25 08:13	07/15/25 18:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.546	U	0.355	0.357	1.00	0.546	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	77.0		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.950		0.434	0.438	5.00	0.546	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.764		0.289	0.297	1.00	0.270	pCi/L	06/23/25 08:13	07/15/25 18:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					06/23/25 08:13	07/15/25 18:35	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	<0.548	U	0.350	0.352	1.00	0.548	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	76.6		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.16		0.454	0.461	5.00	0.548	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

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	1.30		0.621	0.632	1.00	0.662	pCi/L	06/23/25 08:13	07/15/25 18:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.9		30 - 110					06/23/25 08:13	07/15/25 18:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.30	G	1.13	1.15	1.00	1.60	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.9		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	86.7		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.60		1.29	1.31	5.00	1.60	pCi/L		07/18/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

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	0.934		0.315	0.326	1.00	0.302	pCi/L	06/23/25 08:13	07/15/25 18:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					06/23/25 08:13	07/15/25 18:41	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	0.802		0.411	0.418	1.00	0.582	pCi/L	06/23/25 08:18	07/15/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					06/23/25 08:18	07/15/25 12:00	1
Y Carrier	78.5		30 - 110					06/23/25 08:18	07/15/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.74		0.518	0.530	5.00	0.582	pCi/L		07/18/25 13:04	1

Definitions/Glossary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Qualifiers

Rad

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

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Rad

Prep Batch: 722291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	PrecSep-21	
500-269641-2	G33S	Total/NA	Water	PrecSep-21	
500-269641-3	T09S	Total/NA	Water	PrecSep-21	
500-269641-4	T06S	Total/NA	Water	PrecSep-21	
500-269641-5	T05S	Total/NA	Water	PrecSep-21	
MB 160-722291/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-722291/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-1 DU	G31S	Total/NA	Water	PrecSep-21	

Prep Batch: 722292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-1	G31S	Total/NA	Water	PrecSep_0	
500-269641-2	G33S	Total/NA	Water	PrecSep_0	
500-269641-3	T09S	Total/NA	Water	PrecSep_0	
500-269641-4	T06S	Total/NA	Water	PrecSep_0	
500-269641-5	T05S	Total/NA	Water	PrecSep_0	
MB 160-722292/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-722292/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-1 DU	G31S	Total/NA	Water	PrecSep_0	

Prep Batch: 722733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total/NA	Water	PrecSep-21	
500-269641-7	G20S	Total/NA	Water	PrecSep-21	
MB 160-722733/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-722733/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 722734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-6	G30S	Total/NA	Water	PrecSep_0	
500-269641-7	G20S	Total/NA	Water	PrecSep_0	
MB 160-722734/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-722734/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 723087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	PrecSep-21	
500-269641-9	G39S	Total/NA	Water	PrecSep-21	
500-269641-10	G46S	Total/NA	Water	PrecSep-21	
500-269641-11	G45S	Total/NA	Water	PrecSep-21	
500-269641-12	R08S	Total/NA	Water	PrecSep-21	
500-269641-13	G48S	Total/NA	Water	PrecSep-21	
MB 160-723087/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723087/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 723088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-8	G44S	Total/NA	Water	PrecSep_0	
500-269641-9	G39S	Total/NA	Water	PrecSep_0	
500-269641-10	G46S	Total/NA	Water	PrecSep_0	
500-269641-11	G45S	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Rad (Continued)

Prep Batch: 723088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-12	R08S	Total/NA	Water	PrecSep_0	
500-269641-13	G48S	Total/NA	Water	PrecSep_0	
MB 160-723088/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723088/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 723212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	PrecSep-21	
500-269641-15	R32S	Total/NA	Water	PrecSep-21	
500-269641-16	T03S	Total/NA	Water	PrecSep-21	
500-269641-17	T13S	Total/NA	Water	PrecSep-21	
500-269641-18	T02S	Total/NA	Water	PrecSep-21	
500-269641-19	T08S	Total/NA	Water	PrecSep-21	
MB 160-723212/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723212/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-14 DU	G47S	Total/NA	Water	PrecSep-21	

Prep Batch: 723213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-14	G47S	Total/NA	Water	PrecSep_0	
500-269641-15	R32S	Total/NA	Water	PrecSep_0	
500-269641-16	T03S	Total/NA	Water	PrecSep_0	
500-269641-17	T13S	Total/NA	Water	PrecSep_0	
500-269641-18	T02S	Total/NA	Water	PrecSep_0	
500-269641-19	T08S	Total/NA	Water	PrecSep_0	
MB 160-723213/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723213/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-14 DU	G47S	Total/NA	Water	PrecSep_0	

Prep Batch: 723853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-20	T11S	Total/NA	Water	PrecSep-21	
500-269641-21	T11S Dup	Total/NA	Water	PrecSep-21	
500-269641-22	T01S	Total/NA	Water	PrecSep-21	
500-269641-23	T12S	Total/NA	Water	PrecSep-21	
MB 160-723853/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-723853/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-269641-21 DU	T11S Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 723854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-20	T11S	Total/NA	Water	PrecSep_0	
500-269641-21	T11S Dup	Total/NA	Water	PrecSep_0	
500-269641-22	T01S	Total/NA	Water	PrecSep_0	
500-269641-23	T12S	Total/NA	Water	PrecSep_0	
MB 160-723854/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-723854/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-269641-21 DU	T11S Dup	Total/NA	Water	PrecSep_0	

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-722291/1-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 722291

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.309	U	0.167	0.167	1.00	0.309	pCi/L	06/13/25 07:20	07/10/25 15:00	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					06/13/25 07:20	07/10/25 15:00	1

Lab Sample ID: LCS 160-722291/2-A

Matrix: Water

Analysis Batch: 726688

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 722291

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.216		1.26	1.00	0.340	pCi/L	96	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	90.8		30 - 110							

Lab Sample ID: 500-269641-1 DU

Matrix: Water

Analysis Batch: 726688

Client Sample ID: G31S

Prep Type: Total/NA

Prep Batch: 722291

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	1.47		2.099		0.530	1.00	0.393	pCi/L	0.64	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	87.3		30 - 110							

Lab Sample ID: MB 160-722733/1-A

Matrix: Water

Analysis Batch: 726878

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 722733

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.259	U	0.136	0.136	1.00	0.259	pCi/L	06/17/25 08:01	07/11/25 15:59	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					06/17/25 08:01	07/11/25 15:59	1

Lab Sample ID: LCS 160-722733/2-A

Matrix: Water

Analysis Batch: 726878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 722733

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.811		1.22	1.00	0.402	pCi/L	92	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: LCS 160-722733/2-A

Matrix: Water

Analysis Batch: 726878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 722733

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.0		30 - 110

Lab Sample ID: MB 160-723087/1-A

Matrix: Water

Analysis Batch: 727217

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723087

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.309	U	0.148	0.148	1.00	0.309	pCi/L	06/18/25 07:46	07/14/25 16:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					06/18/25 07:46	07/14/25 16:47	1

Lab Sample ID: LCS 160-723087/2-A

Matrix: Water

Analysis Batch: 727217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723087

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.201		1.26	1.00	0.403	pCi/L	96	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	86.2		30 - 110						

Lab Sample ID: MB 160-723212/1-A

Matrix: Water

Analysis Batch: 726879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723212

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.270	U	0.157	0.157	1.00	0.270	pCi/L	06/19/25 07:25	07/11/25 07:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					06/19/25 07:25	07/11/25 07:32	1

Lab Sample ID: LCS 160-723212/2-A

Matrix: Water

Analysis Batch: 726879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723212

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.822		1.12	1.00	0.253	pCi/L	92	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	93.5		30 - 110						

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: 500-269641-14 DU

Matrix: Water

Analysis Batch: 726879

Client Sample ID: G47S

Prep Type: Total/NA

Prep Batch: 723212

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-226	0.830		0.8576		0.282	1.00	0.254	pCi/L	0.05	1
Carrier	%Yield	DU Qualifier	Limits							
Ba Carrier	92.0		30 - 110							

Lab Sample ID: MB 160-723853/1-A

Matrix: Water

Analysis Batch: 727412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723853

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.330	U	0.183	0.183	1.00	0.330	pCi/L	06/23/25 08:13	07/15/25 18:32	1
Carrier	%Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac				
Ba Carrier	85.0		30 - 110	06/23/25 08:13	07/15/25 18:32	1				

Lab Sample ID: LCS 160-723853/2-A

Matrix: Water

Analysis Batch: 727412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723853

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits
Radium-226	9.58	9.386		1.27	1.00	0.319	pCi/L	98	75 - 125
Carrier	%Yield	LCS Qualifier	Limits						
Ba Carrier	84.2		30 - 110						

Lab Sample ID: 500-269641-21 DU

Matrix: Water

Analysis Batch: 727412

Client Sample ID: T11S Dup

Prep Type: Total/NA

Prep Batch: 723853

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-226	0.764		0.6548		0.281	1.00	0.285	pCi/L	0.19	1
Carrier	%Yield	DU Qualifier	Limits							
Ba Carrier	91.0		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-722292/1-A

Matrix: Water

Analysis Batch: 726668

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 722292

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.496	U	0.280	0.280	1.00	0.496	pCi/L	06/13/25 07:29	07/10/25 11:53	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110	06/13/25 07:29	07/10/25 11:53	1
Y Carrier	83.7		30 - 110	06/13/25 07:29	07/10/25 11:53	1

Lab Sample ID: LCS 160-722292/2-A

Matrix: Water

Analysis Batch: 726668

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 722292

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.27	10.66		1.37	1.00	0.417	pCi/L	115	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	88.6		30 - 110

Lab Sample ID: 500-269641-1 DU

Matrix: Water

Analysis Batch: 726668

Client Sample ID: G31S

Prep Type: Total/NA

Prep Batch: 722292

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	1.14		1.040		0.439	1.00	0.554	pCi/L	0.12	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.3		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: MB 160-722734/1-A

Matrix: Water

Analysis Batch: 726878

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 722734

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.489	U	0.284	0.284	1.00	0.489	pCi/L	06/17/25 08:07	07/11/25 11:55	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110	06/17/25 08:07	07/11/25 11:55	1
Y Carrier	89.0		30 - 110	06/17/25 08:07	07/11/25 11:55	1

Lab Sample ID: LCS 160-722734/2-A

Matrix: Water

Analysis Batch: 726878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 722734

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.27	10.49		1.41	1.00	0.580	pCi/L	113	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.0		30 - 110
Y Carrier	83.0		30 - 110

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: MB 160-723088/1-A

Matrix: Water

Analysis Batch: 727174

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723088

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.508	U	0.216	0.218	1.00	0.508	pCi/L	06/18/25 07:53	07/14/25 11:49	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					06/18/25 07:53	07/14/25 11:49	1
Y Carrier	86.4		30 - 110					06/18/25 07:53	07/14/25 11:49	1

Lab Sample ID: LCS 160-723088/2-A

Matrix: Water

Analysis Batch: 727174

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723088

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.26	10.53		1.41	1.00	0.483	pCi/L	114	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	86.2		30 - 110						
Y Carrier	83.4		30 - 110						

Lab Sample ID: MB 160-723213/1-A

Matrix: Water

Analysis Batch: 726667

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723213

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7052		0.463	0.468	1.00	0.696	pCi/L	06/19/25 07:30	07/10/25 11:49	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					06/19/25 07:30	07/10/25 11:49	1
Y Carrier	89.0		30 - 110					06/19/25 07:30	07/10/25 11:49	1

Lab Sample ID: LCS 160-723213/2-A

Matrix: Water

Analysis Batch: 726667

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723213

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.27	9.630		1.34	1.00	0.646	pCi/L	104	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	93.5		30 - 110						
Y Carrier	84.5		30 - 110						

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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

Lab Sample ID: 500-269641-14 DU

Matrix: Water

Analysis Batch: 726668

Client Sample ID: G47S

Prep Type: Total/NA

Prep Batch: 723213

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-228	<0.637	U	0.6356		0.375	1.00	0.540	pCi/L	0.12	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	92.0		30 - 110							
Y Carrier	86.4		30 - 110							

Lab Sample ID: MB 160-723854/1-A

Matrix: Water

Analysis Batch: 727408

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 723854

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.580	U	0.373	0.375	1.00	0.580	pCi/L	06/23/25 08:18	07/15/25 11:59	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.0		30 - 110							
Y Carrier	80.0		30 - 110							

Lab Sample ID: LCS 160-723854/2-A

Matrix: Water

Analysis Batch: 727408

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 723854

				Total									
Analyte			Spike	LCS	LCS	Uncert.	RL	MDC	Unit	%Rec	%Rec Limits		
			Added	Result	Qual	(2σ+/-)							
Radium-228			9.26	11.76		1.55	1.00	0.502	pCi/L	127	75 - 125		
Carrier	LCS	LCS											
	%Yield	Qualifier	Limits										
Ba Carrier	84.2		30 - 110										
Y Carrier	81.9		30 - 110										

Lab Sample ID: 500-269641-21 DU

Matrix: Water

Analysis Batch: 727408

Client Sample ID: T11S Dup

Prep Type: Total/NA

Prep Batch: 723854

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-228	<0.548	U	0.8942		0.439	1.00	0.589	pCi/L	0.63	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	91.0		30 - 110							
Y Carrier	73.6		30 - 110							

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Eurofins Chicago

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Chain of Custody Record



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Client Information		Sampler: <u>Noe L., John H</u>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1																	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page 1 of 3																	
Company: Midwest Generation EME LLC		PWSID		Analysis Requested						Job #: <u>500-269641</u>															
Address: 1800 Channahon Road		Due Date Requested		 500-269641 COC						Preservation Codes D HNO3 N None															
City: Joliet		TAT Requested (days)								Other:															
State Zip: IL, 60436		Compliance Project. ☐ Yes ☐ No																							
Phone		PO #: 4502187984																							
Email: james.thorne@nrg.com		WO #:																							
Project Name: Joliet #9 CCR		Project #: 50011504		Field Filtered Sample (Yes or No)						Total Number of containers															
Site: Illinois		SSOW#																							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPIC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		Special Instructions/Note.	
~~R003~~		~~T09S~~		~~06/10/25~~		~~1017~~		~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~		~~5~~	
~~R003~~		~~T06S~~		~~06/10/25~~		~~1203~~		~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~		~~5~~	
~~R025~~		~~T05S~~		~~06/10/25~~		~~1411~~		~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~		~~5~~	
~~R045~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R055~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R065~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R075~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R085~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R095~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R105~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
~~R115~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~			
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~~R775~~								~~Water~~		~~X~~		~~X~~		~~D~~		~~D~~		~~D~~		~~D~~		~~N~~ </			

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Chain of Custody Record

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RECEIVED

Client Information		Sampler: NOR L		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 1	
Client Contact James Thorne		Phone		E-Mail Diana.Mockler@et.eurofinsus.com		State of Origin		Page Page 1 of 3	
Company Midwest Generation EME LLC				PWSID		Analysis Reqt		Job # 500-269641	
Address 1800 Channahon Road		Due Date Requested		 500-269641 COC		Preservation Codes D HNO3 N None		Other:	
City Joliet		TAT Requested (days)							
State Zip IL 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO # 4502187984							
Email james.thorne@nrg.com		WO #							
Project Name Joliet #9 CCR		Project # 50011504		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Site Illinois		SSOW#		903.0 - Standard Target List		Ra226Ra228_GPPC - Local Method		904.0 - Standard Target List	
				6020A, 7470A		2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
						Preservation Code		Special Instructions/Note:	
~~R005~~		~~G44S~~		~~06/12/25 1044~~		~~Water~~		~~5~~	
~~R205~~		~~G39S~~		~~06/12/25 1146~~		~~Water~~		~~5~~	
~~R025~~		~~G46S~~		~~06/12/25 1318~~		~~Water~~		~~5~~	
~~R446~~		~~G45S~~		~~06/12/25 1425~~		~~Water~~		~~5~~	
~~G460~~						~~Water~~			
~~G405~~						~~Water~~			
~~G476~~						~~Water~~			
~~G405~~						~~Water~~			
~~R035~~						~~Water~~			
~~R005~~						~~Water~~			
~~DUP~~						~~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 ET		Date/Time 06/12/25 1535		Company EETA		Received by Saphonnie Hernandez		Date/Time 6/12/25 1535	
Relinquished by		Date/Time		Company		Received by		Date/Time	
Relinquished by		Date/Time		Company		Received by		Date/Time	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 1.7 + 2.3					

Chain of Custody Record

Client Information		Sampler <i>Noe L</i>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 3																																																																																																																																																																																																																																																																																																															
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Phone		PO # 4502187984																																																																																																																																																																																																																																																																																																																					
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Project Name Joliet #9 CCR		Project # 50011504		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E 500-269641 COC  <td colspan="2">Other:</td>		Other:																																																																																																																																																																																																																																																																																																																	
Site Illinois		SSOW#																																																																																																																																																																																																																																																																																																																					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C_SM4500_Cl_E_SM4500_SO4_E		500-269641 COC		Field Filtered Sample (Yes or No	

18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone (708) 534-5200 Phone (708) 534-5211

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7/18/2025

Ver: 05/06/2024

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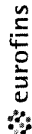
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18410 Crossing Drive Suite E

Tinlev Park. IL 60487

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

Chain of Custody Record



Environment Testing

[illegible]

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

Chain of Custody Record



Client Information (Sub Contract Lab)						Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A		COC No: 500-202529.1					
Client Contact:						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 #: 500-269641-2					
Address: 13715 Rider Trail North, City: Earth City State, Zip: MO, 63045 Phone: 314-298-8566(Tel) 314-298-8757(Fax) Email: N/A						Due Date Requested: 6/30/2025 TAT Requested (days): N/A				Preservation Codes: 					
Project Name: Joliet #9 (Quarry) CCR 2Q25 (RAD)						PO #: N/A	Matrix (W=water, S=solid, O=on water, BT=Tissue, A=Air)								
Site: NRG Midwest Generation LSQ Joliet #9 CCR						WO #: N/A	Sample Type (C=Comp, G=grab)								
SSOW#: N/A						Project #: 50011504	Sample Time								
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_05Standard Target List	RaZzRaZz28_GFPc	Total Number of containers	Special Instructions/Note:
T11S (500-269641-20)	6/18/25	10:38 Central	G	Water	X	X	X	X	X	X	X	X	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;		
DUP of T11S (500-269641-21)	6/18/25	10:38 Central	G	Water	X	X	X	X	X	X	X	X	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;		
T01S (500-269641-22)	6/19/25	10:16 Central	G	Water	X	X	X	X	X	X	X	X	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;		
T12S (500-269641-23)	6/19/25	11:51 Central	G	Water	X	X	X	X	X	X	X	X	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															
Unconfirmed															
Deliverable Requested: I, II, III, IV, Other (specify)															
Primary Deliverable Rank: 2															
Empty Kit Requiring Shipment by:															
Date:															
Reinforced by:															
Reinforced by:															
Reinforced by:															
Custody Seal Intact:															
A Yes A No															
Custody Seal No.:															
Cooler Temperature(s) °C and Other Remarks:															
Received by: Cheyenne Forrest															
Received by:															
Received by:															
Method of Shipment:															
Return To Client Disposal By Lab Archive For Months															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
Special Instructions/QC Requirements:															
Date/Time: JUN 20 2025															

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5,1.8,2.3,2.3,0.9,3.1,2.5,1.8,0.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/11/25 11:48 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/12/25 12:26 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/13/25 12:52 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 06/17/25 11:48 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/18/25 11:37 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-2

Login Number: 269641

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/20/25 01:23 PM

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

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G31S

Lab Sample ID: 500-269641-1

Date Collected: 06/09/25 11:26

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: G33S

Lab Sample ID: 500-269641-2

Date Collected: 06/09/25 13:04

Matrix: Water

Date Received: 06/09/25 14:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: T09S

Lab Sample ID: 500-269641-3

Date Collected: 06/10/25 10:17

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:00
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: T06S

Lab Sample ID: 500-269641-4

Date Collected: 06/10/25 12:03

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:01
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T05S

Lab Sample ID: 500-269641-5

Date Collected: 06/10/25 14:11

Matrix: Water

Date Received: 06/10/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722291	JTR	EET SL	06/13/25 07:20
Total/NA	Analysis	903.0		1	726688	FLC	EET SL	07/10/25 15:01
Total/NA	Prep	PrecSep_0			722292	JTR	EET SL	06/13/25 07:29
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	726883	SCB	EET SL	07/11/25 10:38

Client Sample ID: G30S

Lab Sample ID: 500-269641-6

Date Collected: 06/11/25 10:23

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722733	JTR	EET SL	06/17/25 08:01
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 16:04
Total/NA	Prep	PrecSep_0			722734	JTR	EET SL	06/17/25 08:07
Total/NA	Analysis	904.0		1	726879	SWS	EET SL	07/11/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G20S

Lab Sample ID: 500-269641-7

Date Collected: 06/11/25 12:25

Matrix: Water

Date Received: 06/11/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			722733	JTR	EET SL	06/17/25 08:01
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 16:04
Total/NA	Prep	PrecSep_0			722734	JTR	EET SL	06/17/25 08:07
Total/NA	Analysis	904.0		1	726879	SWS	EET SL	07/11/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G44S

Lab Sample ID: 500-269641-8

Date Collected: 06/12/25 10:44

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G39S

Lab Sample ID: 500-269641-9

Date Collected: 06/12/25 11:46

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:52
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 12:33

Client Sample ID: G45S

Lab Sample ID: 500-269641-11

Date Collected: 06/12/25 14:25

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: R08S

Lab Sample ID: 500-269641-12

Date Collected: 06/13/25 10:34

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: G48S

Lab Sample ID: 500-269641-13

Date Collected: 06/13/25 12:23

Matrix: Water

Date Received: 06/13/25 15:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723087	JTR	EET SL	06/18/25 07:46
Total/NA	Analysis	903.0		1	727174	SWS	EET SL	07/14/25 16:53
Total/NA	Prep	PrecSep_0			723088	JTR	EET SL	06/18/25 07:53
Total/NA	Analysis	904.0		1	727174	SWS	EET SL	07/14/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: G47S

Lab Sample ID: 500-269641-14

Date Collected: 06/16/25 10:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726667	FLC	EET SL	07/10/25 11:49
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: R32S

Lab Sample ID: 500-269641-15

Date Collected: 06/16/25 11:34

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T03S

Lab Sample ID: 500-269641-16

Date Collected: 06/16/25 13:15

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T13S

Lab Sample ID: 500-269641-17

Date Collected: 06/16/25 14:10

Matrix: Water

Date Received: 06/16/25 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T02S

Lab Sample ID: 500-269641-18

Date Collected: 06/17/25 10:56

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726879	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T08S

Lab Sample ID: 500-269641-19

Date Collected: 06/17/25 13:16

Matrix: Water

Date Received: 06/17/25 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723212	JTR	EET SL	06/19/25 07:25
Total/NA	Analysis	903.0		1	726880	SWS	EET SL	07/11/25 07:33
Total/NA	Prep	PrecSep_0			723213	JTR	EET SL	06/19/25 07:30
Total/NA	Analysis	904.0		1	726668	SWS	EET SL	07/10/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T11S

Lab Sample ID: 500-269641-20

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:34
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

Client Sample ID: T11S Dup

Lab Sample ID: 500-269641-21

Date Collected: 06/18/25 10:38

Matrix: Water

Date Received: 06/18/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:35
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T01S

Lab Sample ID: 500-269641-22

Date Collected: 06/19/25 10:16

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727412	SWS	EET SL	07/15/25 18:35
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

Client Sample ID: T12S

Lab Sample ID: 500-269641-23

Date Collected: 06/19/25 11:51

Matrix: Water

Date Received: 06/19/25 12:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			723853	JTR	EET SL	06/23/25 08:13
Total/NA	Analysis	903.0		1	727408	SWS	EET SL	07/15/25 18:41
Total/NA	Prep	PrecSep_0			723854	JTR	EET SL	06/23/25 08:18
Total/NA	Analysis	904.0		1	727408	SWS	EET SL	07/15/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	727187	FLC	EET SL	07/18/25 13:04

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: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25 *
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-25 *
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-25 *
Missouri	State	780	06-30-25 *
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-25 *
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	08-02-25
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25 *
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

Job ID: 500-269641-2

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)			
500-269641-1	G31S	90.8			
500-269641-1 DU	G31S	87.3			
500-269641-2	G33S	85.6			
500-269641-3	T09S	91.8			
500-269641-4	T06S	87.3			
500-269641-5	T05S	94.5			
500-269641-6	G30S	86.7			
500-269641-7	G20S	79.7			
500-269641-8	G44S	82.0			
500-269641-9	G39S	90.7			
500-269641-10	G46S	76.2			
500-269641-11	G45S	79.2			
500-269641-12	R08S	87.0			
500-269641-13	G48S	84.7			
500-269641-14	G47S	88.7			
500-269641-14 DU	G47S	92.0			
500-269641-15	R32S	82.2			
500-269641-16	T03S	93.7			
500-269641-17	T13S	88.2			
500-269641-18	T02S	77.2			
500-269641-19	T08S	74.4			
500-269641-20	T11S	91.0			
500-269641-21	T11S Dup	86.2			
500-269641-21 DU	T11S Dup	91.0			
500-269641-22	T01S	65.9			
500-269641-23	T12S	95.7			
LCS 160-722291/2-A	Lab Control Sample	90.8			
LCS 160-722733/2-A	Lab Control Sample	89.0			
LCS 160-723087/2-A	Lab Control Sample	86.2			
LCS 160-723212/2-A	Lab Control Sample	93.5			
LCS 160-723853/2-A	Lab Control Sample	84.2			
MB 160-722291/1-A	Method Blank	92.8			
MB 160-722733/1-A	Method Blank	89.0			
MB 160-723087/1-A	Method Blank	90.2			
MB 160-723212/1-A	Method Blank	78.2			
MB 160-723853/1-A	Method Blank	85.0			

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)		
500-269641-1	G31S	90.8	83.7		
500-269641-1 DU	G31S	87.3	80.0		
500-269641-2	G33S	85.6	77.4		
500-269641-3	T09S	91.8	80.0		

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-2

Project/Site: Joliet #9 (Quarry) CCR 2Q25 (RAD)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits)	
		Ba (30-110)	Y (30-110)
500-269641-4	T06S	87.3	82.2
500-269641-5	T05S	94.5	86.7
500-269641-6	G30S	86.7	54.6
500-269641-7	G20S	79.7	71.4
500-269641-8	G44S	82.0	77.0
500-269641-9	G39S	90.7	78.9
500-269641-10	G46S	76.2	79.3
500-269641-11	G45S	79.2	77.4
500-269641-12	R08S	87.0	76.6
500-269641-13	G48S	84.7	77.0
500-269641-14	G47S	88.7	86.4
500-269641-14 DU	G47S	92.0	86.4
500-269641-15	R32S	82.2	83.7
500-269641-16	T03S	93.7	90.5
500-269641-17	T13S	88.2	90.8
500-269641-18	T02S	77.2	88.6
500-269641-19	T08S	74.4	81.9
500-269641-20	T11S	91.0	77.0
500-269641-21	T11S Dup	86.2	76.6
500-269641-21 DU	T11S Dup	91.0	73.6
500-269641-22	T01S	65.9	86.7
500-269641-23	T12S	95.7	78.5
LCS 160-722292/2-A	Lab Control Sample	90.8	88.6
LCS 160-722734/2-A	Lab Control Sample	89.0	83.0
LCS 160-723088/2-A	Lab Control Sample	86.2	83.4
LCS 160-723213/2-A	Lab Control Sample	93.5	84.5
LCS 160-723854/2-A	Lab Control Sample	84.2	81.9
MB 160-722292/1-A	Method Blank	92.8	83.7
MB 160-722734/1-A	Method Blank	89.0	89.0
MB 160-723088/1-A	Method Blank	90.2	86.4
MB 160-723213/1-A	Method Blank	78.2	89.0
MB 160-723854/1-A	Method Blank	85.0	80.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

Attn: Kaelyn Sperle
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Brookfield, Wisconsin 53005

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JOB DESCRIPTION

Joliet #9 CCR 2Q25 G46S RAD Re-analysis

JOB NUMBER

500-269641-3

Eurofins Chicago

Job Notes

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Authorization



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Revision 1

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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

Job ID: 500-269641-3

Eurofins Chicago

Job Narrative 500-269641-3

REVISION

The report being provided is a revision of the original report sent on 8/22/2025. The revision has been added to report corrected RAD results.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 6/9/2025 2:34 PM, 6/10/2025 3:45 PM, 6/11/2025 3:14 PM, 6/12/2025 3:35 PM, 6/13/2025 3:14 PM, 6/16/2025 3:23 PM, 6/17/2025 3:10 PM, 6/18/2025 1:55 PM and 6/19/2025 12:57 PM. 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 0.9°C, 0.9°C, 1.8°C, 1.8°C, 2.3°C, 2.3°C, 2.5°C and 3.1°C.

Gas Flow Proportional Counter

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

Rad

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-3

Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

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: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-269641-10	G46S	Water	06/12/25 13:18	06/12/25 15:35	Illinois

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.76		0.412	0.442	1.00	0.295	pCi/L	07/29/25 07:59	08/20/25 18:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					07/29/25 07:59	08/20/25 18:49	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.12		0.573	0.641	1.00	0.491	pCi/L	07/29/25 08:08	08/20/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					07/29/25 08:08	08/20/25 12:04	1
Y Carrier	86.7		30 - 110					07/29/25 08:08	08/20/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	8.05		0.945	1.08	5.00	0.491	pCi/L		08/22/25 15:52	1

Definitions/Glossary

Client: KPRG and Associates, Inc.

Job ID: 500-269641-3

Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

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.

Job ID: 500-269641-3

Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Rad

Prep Batch: 729537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-10	G46S	Total/NA	Water	PrecSep-21	
MB 160-729537/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-729537/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 729554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269641-10	G46S	Total/NA	Water	PrecSep_0	
MB 160-729554/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-729554/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-729537/1-A

Matrix: Water

Analysis Batch: 732821

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729537

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.409	U	0.174	0.174	1.00	0.409	pCi/L	07/29/25 07:59	08/20/25 16:04	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					07/29/25 07:59	08/20/25 16:04	1

Lab Sample ID: LCS 160-729537/2-A

Matrix: Water

Analysis Batch: 732821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729537

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.000		1.25	1.00	0.409	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.1		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-729554/1-A

Matrix: Water

Analysis Batch: 732821

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729554

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.587	U	0.361	0.362	1.00	0.587	pCi/L	07/29/25 08:08	08/20/25 12:03	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.6		30 - 110					07/29/25 08:08	08/20/25 12:03	1
Y Carrier	80.4		30 - 110					07/29/25 08:08	08/20/25 12:03	1

Lab Sample ID: LCS 160-729554/2-A

Matrix: Water

Analysis Batch: 732821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729554

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.15	9.310		1.32	1.00	0.629	pCi/L	102	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.1		30 - 110							
Y Carrier	80.4		30 - 110							

Eurofins Chicago

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

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

Chain of Custody Record

eurofins

RECEIVED

Client Information		Sampler: NOR L		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No 500-137622-50642 1	
Client Contact James Thorne		Phone		E-Mail Diana.Mockler@et.eurofinsus.com		State of Origin		Page Page 1 of 3	
Company Midwest Generation EME LLC				PWSID		Analysis Reqd		Job # 500-269641	
Address 1800 Channahon Road		Due Date Requested		 500-269641 COC		Preservation Codes D HNO3 N None		Other:	
City Joliet		TAT Requested (days)							
State Zip IL 60436		Compliance Project. ☐ Yes ☐ No							
Phone		PO # 4502187984							
Email james.thorne@nrg.com		WO #							
Project Name Joliet #9 CCR		Project # 50011504		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Site Illinois		SSOW#		903.0 - Standard Target List		Ra226Ra228_GPPC - Local Method		904.0 - Standard Target List	
				6020A, 7470A		2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	
						Preservation Code		Special Instructions/Note:	
~~R005~~		~~G44S~~		~~06/12/25 1044~~		~~Water~~		~~5~~	
~~G20S~~		~~G39S~~		~~06/12/25 1146~~		~~Water~~		~~5~~	
~~R02S~~		~~G46S~~		~~06/12/25 1318~~		~~Water~~		~~5~~	
~~G44S~~		~~G45S~~		~~06/12/25 1425~~		~~Water~~		~~5~~	
~~G46S~~						~~Water~~			
~~G40S~~						~~Water~~			
~~G47S~~						~~Water~~			
~~G40S~~						~~Water~~			
~~T03S~~						~~Water~~			
~~G00S~~						~~Water~~			
~~DUP~~						~~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 ET				Date/Time 06/12/25 1535		Company EETA		Received by Saphonnie Hernandez	
Relinquished by				Date/Time		Company		Received by	
Relinquished by				Date/Time		Company		Received by	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 1.7 + 2.3					

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5,1.8,2.3,2.3,0.9,3.1,2.5,1.8,0.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/11/25 11:48 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/12/25 12:26 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/13/25 12:52 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 06/17/25 11:48 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/18/25 11:37 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-269641-3

Login Number: 269641

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 06/20/25 01:23 PM

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

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.

Job ID: 500-269641-3

Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Client Sample ID: G46S

Lab Sample ID: 500-269641-10

Date Collected: 06/12/25 13:18

Matrix: Water

Date Received: 06/12/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729537	JTR	EET SL	07/29/25 07:59
Total/NA	Analysis	903.0		1	732821	SWS	EET SL	08/20/25 18:49
Total/NA	Prep	PrecSep_0			729554	JTR	EET SL	07/29/25 08:08
Total/NA	Analysis	904.0		1	732821	SWS	EET SL	08/20/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

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: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25 *
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-26
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-26
Missouri	State	780	06-30-28
Nevada	State	MO00054	07-31-26
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-26
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-30-26
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	12-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25 *
Texas	NELAP	T104704193	07-31-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-26
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 2Q25 G46S RAD Re-analysis

Job ID: 500-269641-3

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)					
500-269641-10	G46S	94.0					
LCS 160-729537/2-A	Lab Control Sample	87.1					
MB 160-729537/1-A	Method Blank	87.6					
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)				
500-269641-10	G46S	94.0	86.7				
LCS 160-729554/2-A	Lab Control Sample	87.1	80.4				
MB 160-729554/1-A	Method Blank	87.6	80.4				
Tracer/Carrier Legend							
Ba = Ba Carrier							
Y = Y Carrier							

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Joliet #9 CCR 3Q25

JOB NUMBER

500-274319-1

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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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Revision 1



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Job ID: 500-274319-1

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Job Narrative 500-274319-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Revision

The report being provided is a revision of the original report sent on 09/26/25. The report (revision 1) is being revised due to: Correct sample #4 ID from T03S to T02S as listed on COC.

Receipt

The samples were received on 09/09/25 15:35, 09/10/25 15:50, 09/11/25 15:50, 09/12/25 15:40, 09/15/25 16:15, 09/16/25 15:44, 09/18/25 14:50 and 09/19/25 13:20. 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 -0.1°C, 0.4°C, 0.6°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C and 1.9°C.

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: T09S (500-274319-1). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: T08S (500-274319-5), T05S (500-274319-9), G48S (500-274319-15), G47S (500-274319-16), G46S (500-274319-18) and R08S (500-274319-19). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: G30S (500-274319-20), (500-274319-A-20-B DU), (500-274319-A-20-C MS), (500-274319-A-20-D MSD) and (500-274319-A-20-A SD).

Method 7470A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Calibration curve improved noticeably after removing 10ppb standard. Curve used goes to 5ppb with any sample data above diluted

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 native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 500-833835 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

Field Service / Mobile Lab

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

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-274319-1	T09S	Water	09/09/25 10:03	09/09/25 15:35	Illinois
500-274319-2	T06S	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-3	T06S Dup	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-4	T02S	Water	09/10/25 09:46	09/10/25 15:50	Illinois
500-274319-5	T08S	Water	09/10/25 12:40	09/10/25 15:50	Illinois
500-274319-6	T03S	Water	09/10/25 14:21	09/10/25 15:50	Illinois
500-274319-7	T01S	Water	09/11/25 09:48	09/11/25 15:50	Illinois
500-274319-8	T11S	Water	09/11/25 11:49	09/11/25 15:50	Illinois
500-274319-9	T05S	Water	09/11/25 14:09	09/11/25 15:50	Illinois
500-274319-10	G31S	Water	09/12/25 09:19	09/12/25 15:40	Illinois
500-274319-11	G33S	Water	09/12/25 10:23	09/12/25 15:40	Illinois
500-274319-12	T12S	Water	09/12/25 12:10	09/12/25 15:40	Illinois
500-274319-13	G41S	Water	09/12/25 13:21	09/12/25 15:40	Illinois
500-274319-14	G42S	Water	09/15/25 09:54	09/15/25 16:15	Illinois
500-274319-15	G48S	Water	09/15/25 13:10	09/15/25 16:15	Illinois
500-274319-16	G47S	Water	09/15/25 14:41	09/15/25 16:15	Illinois
500-274319-17	G20S	Water	09/16/25 10:35	09/16/25 15:44	Illinois
500-274319-18	G46S	Water	09/16/25 13:30	09/16/25 15:44	Illinois
500-274319-19	R08S	Water	09/16/25 14:26	09/16/25 15:44	Illinois
500-274319-20	G30S	Water	09/18/25 10:03	09/18/25 14:50	Illinois
500-274319-21	R32S	Water	09/18/25 12:09	09/18/25 14:50	Illinois
500-274319-22	G45S	Water	09/18/25 13:31	09/18/25 14:50	Illinois
500-274319-23	T13S	Water	09/19/25 09:19	09/19/25 13:20	Illinois
500-274319-24	G44S	Water	09/19/25 10:34	09/19/25 13:20	Illinois
500-274319-25	G39S	Water	09/19/25 12:13	09/19/25 13:20	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/10/25 08:07	09/10/25 16:49	1
Arsenic	0.0021		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Barium	0.062		0.0025		mg/L		09/10/25 08:07	09/10/25 16:49	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Boron	5.8		0.25		mg/L		09/10/25 08:07	09/12/25 12:22	5
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Calcium	140		0.20		mg/L		09/10/25 08:07	09/10/25 16:49	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Lithium	0.11		0.010		mg/L		09/10/25 08:07	09/10/25 16:49	1
Molybdenum	0.80		0.0050		mg/L		09/10/25 08:07	09/10/25 16:49	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:49	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	860		10		mg/L			09/15/25 02:09	1
Chloride (SM 4500 Cl- E)	61		4.0		mg/L			09/14/25 11:38	2
Fluoride (SM 4500 F C)	0.29		0.10		mg/L			09/23/25 14:57	1
Sulfate (SM 4500 SO4 E)	410		50		mg/L			09/14/25 13:30	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.15				ft			09/09/25 10:03	1
Depth to Water (ft from MP)	105.55				ft			09/09/25 10:03	1
Elevation of well (ft from MP)	603.49				ft			09/09/25 10:03	1
Field pH	7.35				SU			09/09/25 10:03	1
Field Temperature	56.5				Degrees F			09/09/25 10:03	1
Ground Water Elevation	497.94				ft			09/09/25 10:03	1
Specific Conductance	1364				umhos/cm			09/09/25 10:03	1
Well bottom elevation	444.80				ft			09/09/25 10:03	1
Field Turbidity	24.40				NTU			09/09/25 10:03	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/10/25 08:07	09/10/25 16:56	1
Arsenic	0.0015		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Barium	0.035		0.0025		mg/L		09/10/25 08:07	09/10/25 16:56	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Boron	1.3		0.050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Calcium	89		0.20		mg/L		09/10/25 08:07	09/10/25 16:56	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Lithium	0.026		0.010		mg/L		09/10/25 08:07	09/10/25 16:56	1
Molybdenum	0.041		0.0050		mg/L		09/10/25 08:07	09/10/25 16:56	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:56	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	480		10		mg/L			09/15/25 02:12	1
Chloride (SM 4500 Cl- E)	15		2.0		mg/L			09/14/25 11:18	1
Fluoride (SM 4500 F C)	0.50		0.10		mg/L			09/23/25 15:04	1
Sulfate (SM 4500 SO4 E)	120		25		mg/L			09/14/25 13:52	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.28				ft			09/09/25 12:08	1
Depth to Water (ft from MP)	118.58				ft			09/09/25 12:08	1
Elevation of well (ft from MP)	621.05				ft			09/09/25 12:08	1
Field pH	7.43				SU			09/09/25 12:08	1
Field Temperature	77.7				Degrees F			09/09/25 12:08	1
Ground Water Elevation	502.47				ft			09/09/25 12:08	1
Specific Conductance	756				umhos/cm			09/09/25 12:08	1
Well bottom elevation	447.94				ft			09/09/25 12:08	1
Field Turbidity	5.25				NTU			09/09/25 12:08	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/10/25 08:07	09/10/25 16:58	1
Arsenic	0.0014		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Barium	0.035		0.0025		mg/L		09/10/25 08:07	09/10/25 16:58	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Boron	1.3		0.050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Calcium	89		0.20		mg/L		09/10/25 08:07	09/10/25 16:58	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Lithium	0.026		0.010		mg/L		09/10/25 08:07	09/10/25 16:58	1
Molybdenum	0.040		0.0050		mg/L		09/10/25 08:07	09/10/25 16:58	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:58	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	450		10		mg/L			09/15/25 02:14	1
Chloride (SM 4500 Cl- E)	12		2.0		mg/L			09/14/25 11:18	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			09/23/25 15:06	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			09/14/25 13:53	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.28				ft			09/09/25 12:08	1
Depth to Water (ft from MP)	118.58				ft			09/09/25 12:08	1
Elevation of well (ft from MP)	621.05				ft			09/09/25 12:08	1
Field pH	7.43				SU			09/09/25 12:08	1
Field Temperature	77.7				Degrees F			09/09/25 12:08	1
Ground Water Elevation	502.47				ft			09/09/25 12:08	1
Specific Conductance	756				umhos/cm			09/09/25 12:08	1
Well bottom elevation	447.94				ft			09/09/25 12:08	1
Field Turbidity	5.25				NTU			09/09/25 12:08	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:07	1
Arsenic	0.0054		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Barium	0.11		0.0025		mg/L		09/17/25 08:22	09/19/25 14:07	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Boron	3.5		0.050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Calcium	84		0.20		mg/L		09/17/25 08:22	09/19/25 14:07	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Cobalt	0.0018		0.0010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Lead	0.0028		0.00050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Lithium	0.035		0.010		mg/L		09/17/25 08:22	09/19/25 14:07	1
Molybdenum	0.31		0.0050		mg/L		09/17/25 08:22	09/19/25 14:07	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:07	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			09/16/25 03:37	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			09/14/25 12:47	5
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			09/23/25 15:09	1
Sulfate (SM 4500 SO4 E)	330		50		mg/L			09/14/25 13:31	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	134.33				ft			09/10/25 09:46	1
Depth to Water (ft from MP)	136.66				ft			09/10/25 09:46	1
Elevation of well (ft from MP)	626.14				ft			09/10/25 09:46	1
Field pH	7.27				SU			09/10/25 09:46	1
Field Temperature	60.1				Degrees F			09/10/25 09:46	1
Ground Water Elevation	489.48				ft			09/10/25 09:46	1
Specific Conductance	1402				umhos/cm			09/10/25 09:46	1
Well bottom elevation	453.40				ft			09/10/25 09:46	1
Field Turbidity	99.10				NTU			09/10/25 09:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:09	1
Arsenic	0.014		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Barium	0.037		0.0025		mg/L		09/17/25 08:22	09/19/25 14:09	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Boron	8.4		0.25		mg/L		09/17/25 08:22	09/22/25 16:34	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Calcium	26		0.20		mg/L		09/17/25 08:22	09/19/25 14:09	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Lithium	0.048		0.010		mg/L		09/17/25 08:22	09/19/25 14:09	1
Molybdenum	0.76		0.0050		mg/L		09/17/25 08:22	09/19/25 14:09	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:09	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	980		10		mg/L			09/16/25 03:45	1
Chloride (SM 4500 Cl- E)	89		10		mg/L			09/14/25 12:47	5
Fluoride (SM 4500 F C)	0.66		0.10		mg/L			09/23/25 15:12	1
Sulfate (SM 4500 SO4 E)	500		50		mg/L			09/14/25 13:31	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	129.41				ft			09/10/25 12:40	1
Depth to Water (ft from MP)	131.79				ft			09/10/25 12:40	1
Elevation of well (ft from MP)	627.43				ft			09/10/25 12:40	1
Field pH	9.16				SU			09/10/25 12:40	1
Field Temperature	75.2				Degrees F			09/10/25 12:40	1
Ground Water Elevation	495.64				ft			09/10/25 12:40	1
Specific Conductance	1466				umhos/cm			09/10/25 12:40	1
Well bottom elevation	447.38				ft			09/10/25 12:40	1
Field Turbidity	5.56				NTU			09/10/25 12:40	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:19	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Barium	0.053		0.0025		mg/L		09/17/25 08:22	09/19/25 14:19	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Boron	0.38		0.050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Calcium	110		0.20		mg/L		09/17/25 08:22	09/19/25 14:19	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:19	1
Molybdenum	0.022		0.0050		mg/L		09/17/25 08:22	09/19/25 14:19	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:19	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	810		10		mg/L			09/16/25 03:50	1
Chloride (SM 4500 Cl- E)	75		4.0		mg/L			09/14/25 12:47	2
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			09/23/25 15:15	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			09/14/25 13:31	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	137.18				ft			09/10/25 14:21	1
Depth to Water (ft from MP)	140.26				ft			09/10/25 14:21	1
Elevation of well (ft from MP)	629.73				ft			09/10/25 14:21	1
Field pH	7.13				SU			09/10/25 14:21	1
Field Temperature	56.3				Degrees F			09/10/25 14:21	1
Ground Water Elevation	489.47				ft			09/10/25 14:21	1
Specific Conductance	1100				umhos/cm			09/10/25 14:21	1
Well bottom elevation	456.70				ft			09/10/25 14:21	1
Field Turbidity	0.46				NTU			09/10/25 14:21	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:22	1
Arsenic	0.016		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Barium	0.10		0.0025		mg/L		09/17/25 08:22	09/19/25 14:22	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Boron	3.9		0.050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Calcium	67		0.20		mg/L		09/17/25 08:22	09/19/25 14:22	1
Chromium	0.022		0.0050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Cobalt	0.011		0.0010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Lead	0.0090		0.00050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Lithium	0.028		0.010		mg/L		09/17/25 08:22	09/19/25 14:22	1
Molybdenum	0.28		0.0050		mg/L		09/17/25 08:22	09/19/25 14:22	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:22	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	870		10		mg/L			09/16/25 03:53	1
Chloride (SM 4500 Cl- E)	100		10		mg/L			09/14/25 12:48	5
Fluoride (SM 4500 F C)	1.2		0.10		mg/L			09/23/25 15:26	1
Sulfate (SM 4500 SO4 E)	420		50		mg/L			09/14/25 13:32	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	125.70				ft			09/11/25 09:48	1
Depth to Water (ft from MP)	128.18				ft			09/11/25 09:48	1
Elevation of well (ft from MP)	621.83				ft			09/11/25 09:48	1
Field pH	7.93				SU			09/11/25 09:48	1
Field Temperature	62.2				Degrees F			09/11/25 09:48	1
Ground Water Elevation	493.65				ft			09/11/25 09:48	1
Specific Conductance	1483				umhos/cm			09/11/25 09:48	1
Well bottom elevation	451.46				ft			09/11/25 09:48	1
Field Turbidity	761.00				NTU			09/11/25 09:48	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:29	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Barium	0.042		0.0025		mg/L		09/17/25 08:22	09/19/25 14:29	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Boron	0.20		0.050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Calcium	100		0.20		mg/L		09/17/25 08:22	09/19/25 14:29	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Lithium	0.018		0.010		mg/L		09/17/25 08:22	09/19/25 14:29	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:29	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:29	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	620		10		mg/L			09/16/25 03:55	1
Chloride (SM 4500 Cl- E)	38	F1	2.0		mg/L			09/14/25 12:24	1
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			09/23/25 15:29	1
Sulfate (SM 4500 SO4 E)	190		25		mg/L			09/14/25 13:35	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.99				ft			09/11/25 11:49	1
Depth to Water (ft from MP)	75.73				ft			09/11/25 11:49	1
Elevation of well (ft from MP)	559.40				ft			09/11/25 11:49	1
Field pH	7.33				SU			09/11/25 11:49	1
Field Temperature	80.9				Degrees F			09/11/25 11:49	1
Ground Water Elevation	483.67				ft			09/11/25 11:49	1
Specific Conductance	869				umhos/cm			09/11/25 11:49	1
Well bottom elevation	445.60				ft			09/11/25 11:49	1
Field Turbidity	55.40				NTU			09/11/25 11:49	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:31	1
Arsenic	0.13		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Barium	0.0083		0.0025		mg/L		09/17/25 08:22	09/19/25 14:31	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Boron	13		0.50		mg/L		09/17/25 08:22	09/22/25 16:37	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Calcium	2.2		0.20		mg/L		09/17/25 08:22	09/19/25 14:31	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Lithium	0.024		0.010		mg/L		09/17/25 08:22	09/19/25 14:31	1
Molybdenum	0.98		0.0050		mg/L		09/17/25 08:22	09/19/25 14:31	1
Selenium	0.0039		0.0025		mg/L		09/17/25 08:22	09/19/25 14:31	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			09/16/25 03:58	1
Chloride (SM 4500 Cl- E)	120		10		mg/L			09/14/25 12:49	5
Fluoride (SM 4500 F C)	1.7		0.10		mg/L			09/23/25 15:32	1
Sulfate (SM 4500 SO4 E)	610		100		mg/L			09/14/25 13:53	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	123.92				ft			09/11/25 14:09	1
Depth to Water (ft from MP)	126.32				ft			09/11/25 14:09	1
Elevation of well (ft from MP)	623.41				ft			09/11/25 14:09	1
Field pH	10.50				SU			09/11/25 14:09	1
Field Temperature	65.7				Degrees F			09/11/25 14:09	1
Ground Water Elevation	497.09				ft			09/11/25 14:09	1
Specific Conductance	2346				umhos/cm			09/11/25 14:09	1
Well bottom elevation	448.35				ft			09/11/25 14:09	1
Field Turbidity	1.17				NTU			09/11/25 14:09	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:46	1
Arsenic	0.0019		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Barium	0.044		0.0025		mg/L		09/17/25 08:22	09/19/25 14:46	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Boron	2.6		0.050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Calcium	150		0.20		mg/L		09/17/25 08:22	09/19/25 14:46	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Lithium	0.070		0.010		mg/L		09/17/25 08:22	09/19/25 14:46	1
Molybdenum	0.45		0.0050		mg/L		09/17/25 08:22	09/19/25 14:46	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:46	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/16/25 04:01	1
Chloride (SM 4500 Cl- E)	160		10		mg/L			09/14/25 12:49	5
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			09/23/25 15:35	1
Sulfate (SM 4500 SO4 E)	380		50		mg/L			09/14/25 13:34	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.32				ft			09/12/25 09:19	1
Depth to Water (ft from MP)	29.90				ft			09/12/25 09:19	1
Elevation of well (ft from MP)	535.67				ft			09/12/25 09:19	1
Field pH	7.18				SU			09/12/25 09:19	1
Field Temperature	59.4				Degrees F			09/12/25 09:19	1
Ground Water Elevation	505.77				ft			09/12/25 09:19	1
Specific Conductance	1683				umhos/cm			09/12/25 09:19	1
Well bottom elevation	453.36				ft			09/12/25 09:19	1
Field Turbidity	0.66				NTU			09/12/25 09:19	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:48	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Barium	0.052		0.0025		mg/L		09/17/25 08:22	09/19/25 14:48	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Boron	0.74		0.050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Calcium	66		0.20		mg/L		09/17/25 08:22	09/19/25 14:48	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Lead	0.00074		0.00050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Lithium	0.028		0.010		mg/L		09/17/25 08:22	09/19/25 14:48	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:48	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:48	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	380		10		mg/L			09/19/25 03:32	1
Chloride (SM 4500 Cl- E)	11		2.0		mg/L			09/14/25 12:23	1
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			09/23/25 15:39	1
Sulfate (SM 4500 SO4 E)	82		10		mg/L			09/14/25 13:34	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	34.86				ft			09/12/25 10:23	1
Depth to Water (ft from MP)	36.59				ft			09/12/25 10:23	1
Elevation of well (ft from MP)	535.67				ft			09/12/25 10:23	1
Field pH	7.33				SU			09/12/25 10:23	1
Field Temperature	62.8				Degrees F			09/12/25 10:23	1
Ground Water Elevation	499.08				ft			09/12/25 10:23	1
Specific Conductance	782				umhos/cm			09/12/25 10:23	1
Well bottom elevation	452.72				ft			09/12/25 10:23	1
Field Turbidity	15.50				NTU			09/12/25 10:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:51	1
Arsenic	0.0084		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Barium	0.066		0.0025		mg/L		09/17/25 08:22	09/19/25 14:51	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Boron	4.6		0.050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 14:51	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Lithium	0.13		0.010		mg/L		09/17/25 08:22	09/19/25 14:51	1
Molybdenum	0.36		0.0050		mg/L		09/17/25 08:22	09/19/25 14:51	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:51	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	830		10		mg/L			09/19/25 03:34	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			09/14/25 12:48	5
Fluoride (SM 4500 F C)	0.16		0.10		mg/L			09/23/25 15:42	1
Sulfate (SM 4500 SO4 E)	250		25		mg/L			09/14/25 13:32	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	72.89				ft			09/12/25 12:10	1
Depth to Water (ft from MP)	75.63				ft			09/12/25 12:10	1
Elevation of well (ft from MP)	578.73				ft			09/12/25 12:10	1
Field pH	7.56				SU			09/12/25 12:10	1
Field Temperature	58.6				Degrees F			09/12/25 12:10	1
Ground Water Elevation	503.10				ft			09/12/25 12:10	1
Specific Conductance	1323				umhos/cm			09/12/25 12:10	1
Well bottom elevation	452.24				ft			09/12/25 12:10	1
Field Turbidity	11.30				NTU			09/12/25 12:10	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:53	1
Arsenic	0.0018		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Barium	0.039		0.0025		mg/L		09/17/25 08:22	09/19/25 14:53	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Boron	2.3		0.050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Calcium	99		0.20		mg/L		09/17/25 08:22	09/19/25 14:53	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Lithium	0.050		0.010		mg/L		09/17/25 08:22	09/19/25 14:53	1
Molybdenum	0.078		0.0050		mg/L		09/17/25 08:22	09/19/25 14:53	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:53	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			09/19/25 03:37	1
Chloride (SM 4500 Cl- E)	80		4.0		mg/L			09/14/25 12:48	2
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			09/23/25 15:45	1
Sulfate (SM 4500 SO4 E)	210		25		mg/L			09/14/25 13:32	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.20				ft			09/12/25 13:21	1
Depth to Water (ft from MP)	29.49				ft			09/12/25 13:21	1
Elevation of well (ft from MP)	535.78				ft			09/12/25 13:21	1
Field pH	7.19				SU			09/12/25 13:21	1
Field Temperature	78.1				Degrees F			09/12/25 13:21	1
Ground Water Elevation	506.29				ft			09/12/25 13:21	1
Specific Conductance	1038				umhos/cm			09/12/25 13:21	1
Well bottom elevation	453.96				ft			09/12/25 13:21	1
Field Turbidity	1.52				NTU			09/12/25 13:21	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:56	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Barium	0.023		0.0025		mg/L		09/17/25 08:22	09/19/25 14:56	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Boron	0.58		0.050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Calcium	84		0.20		mg/L		09/17/25 08:22	09/19/25 14:56	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:56	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:56	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:56	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	490		10		mg/L			09/19/25 03:39	1
Chloride (SM 4500 Cl- E)	35		2.0		mg/L			09/16/25 10:33	1
Fluoride (SM 4500 F C)	0.44		0.10		mg/L			09/23/25 15:49	1
Sulfate (SM 4500 SO4 E)	81		10		mg/L			09/25/25 12:55	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	12.99				ft			09/15/25 09:54	1
Depth to Water (ft from MP)	14.98				ft			09/15/25 09:54	1
Elevation of well (ft from MP)	528.59				ft			09/15/25 09:54	1
Field pH	7.17				SU			09/15/25 09:54	1
Field Temperature	63.5				Degrees F			09/15/25 09:54	1
Ground Water Elevation	513.61				ft			09/15/25 09:54	1
Specific Conductance	830				umhos/cm			09/15/25 09:54	1
Well bottom elevation	451.26				ft			09/15/25 09:54	1
Field Turbidity	4.89				NTU			09/15/25 09:54	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:58	1
Arsenic	0.010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Barium	0.020		0.0025		mg/L		09/17/25 08:22	09/19/25 14:58	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Boron	6.7		0.25		mg/L		09/17/25 08:22	09/22/25 16:39	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Calcium	27		0.20		mg/L		09/17/25 08:22	09/19/25 14:58	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Lithium	0.023		0.010		mg/L		09/17/25 08:22	09/19/25 14:58	1
Molybdenum	0.50		0.0050		mg/L		09/17/25 08:22	09/19/25 14:58	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:58	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	960		10		mg/L			09/19/25 03:42	1
Chloride (SM 4500 Cl- E)	99		10		mg/L			09/16/25 10:50	5
Fluoride (SM 4500 F C)	0.95		0.10		mg/L			09/23/25 15:52	1
Sulfate (SM 4500 SO4 E)	410		50		mg/L			09/25/25 12:56	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.60				ft			09/15/25 13:10	1
Depth to Water (ft from MP)	106.05				ft			09/15/25 13:10	1
Elevation of well (ft from MP)	620.73				ft			09/15/25 13:10	1
Field pH	8.59				SU			09/15/25 13:10	1
Field Temperature	67.6				Degrees F			09/15/25 13:10	1
Ground Water Elevation	514.68				ft			09/15/25 13:10	1
Specific Conductance	1494				umhos/cm			09/15/25 13:10	1
Well bottom elevation	468.32				ft			09/15/25 13:10	1
Field Turbidity	1.48				NTU			09/15/25 13:10	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 15:08	1
Arsenic	0.027		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Barium	0.014		0.0025		mg/L		09/17/25 08:22	09/19/25 15:08	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Boron	6.9		0.25		mg/L		09/17/25 08:22	09/22/25 16:41	5
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Calcium	11		0.20		mg/L		09/17/25 08:22	09/19/25 15:08	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Lithium	0.056		0.010		mg/L		09/17/25 08:22	09/19/25 15:08	1
Molybdenum	0.51		0.0050		mg/L		09/17/25 08:22	09/19/25 15:08	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:08	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/19/25 03:45	1
Chloride (SM 4500 Cl- E)	87		10		mg/L			09/16/25 10:50	5
Fluoride (SM 4500 F C)	0.58		0.10		mg/L			09/23/25 15:54	1
Sulfate (SM 4500 SO4 E)	430		50		mg/L			09/25/25 12:56	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	92.54				ft			09/15/25 14:41	1
Depth to Water (ft from MP)	95.04				ft			09/15/25 14:41	1
Elevation of well (ft from MP)	612.16				ft			09/15/25 14:41	1
Field pH	9.09				SU			09/15/25 14:41	1
Field Temperature	65.7				Degrees F			09/15/25 14:41	1
Ground Water Elevation	517.12				ft			09/15/25 14:41	1
Specific Conductance	1525				umhos/cm			09/15/25 14:41	1
Well bottom elevation	459.84				ft			09/15/25 14:41	1
Field Turbidity	0.36				NTU			09/15/25 14:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 15:18	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Barium	0.050		0.0025		mg/L		09/17/25 08:22	09/19/25 15:18	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Boron	1.2		0.050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Calcium	57		0.20		mg/L		09/17/25 08:22	09/19/25 15:18	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Lithium	0.040		0.010		mg/L		09/17/25 08:22	09/19/25 15:18	1
Molybdenum	0.015		0.0050		mg/L		09/17/25 08:22	09/19/25 15:18	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:18	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	370		10		mg/L			09/22/25 05:12	1
Chloride (SM 4500 Cl- E)	17		2.0		mg/L			09/18/25 10:21	1
Fluoride (SM 4500 F C)	0.84		0.10		mg/L			09/25/25 10:38	1
Sulfate (SM 4500 SO4 E)	64		10		mg/L			09/25/25 12:56	2

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	59.85				ft			09/16/25 10:35	1
Depth to Water (ft from MP)	62.60				ft			09/16/25 10:35	1
Elevation of well (ft from MP)	580.79				ft			09/16/25 10:35	1
Field pH	7.43				SU			09/16/25 10:35	1
Field Temperature	73.6				Degrees F			09/16/25 10:35	1
Ground Water Elevation	580.79				ft			09/16/25 10:35	1
Specific Conductance	688				umhos/cm			09/16/25 10:35	1
Well bottom elevation	442.28				ft			09/16/25 10:35	1
Field Turbidity	0.41				NTU			09/16/25 10:35	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 15:25	1
Arsenic	0.035		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Barium	0.046		0.0025		mg/L		09/17/25 08:22	09/19/25 15:25	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Boron	11		0.50		mg/L		09/17/25 08:22	09/22/25 16:43	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 15:25	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Lithium	0.18		0.010		mg/L		09/17/25 08:22	09/19/25 15:25	1
Molybdenum	1.2		0.0050		mg/L		09/17/25 08:22	09/19/25 15:25	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 15:25	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			09/22/25 05:19	1
Chloride (SM 4500 Cl- E)	53		4.0		mg/L			09/18/25 10:34	2
Fluoride (SM 4500 F C)	0.33		0.10		mg/L			09/25/25 10:45	1
Sulfate (SM 4500 SO4 E)	560		100		mg/L			09/25/25 13:13	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	100.50				ft			09/16/25 13:30	1
Depth to Water (ft from MP)	103.20				ft			09/16/25 13:30	1
Elevation of well (ft from MP)	601.32				ft			09/16/25 13:30	1
Field pH	8.04				SU			09/16/25 13:30	1
Field Temperature	60.1				Degrees F			09/16/25 13:30	1
Ground Water Elevation	498.12				ft			09/16/25 13:30	1
Specific Conductance	1465				umhos/cm			09/16/25 13:30	1
Well bottom elevation	453.62				ft			09/16/25 13:30	1
Field Turbidity	27.30				NTU			09/16/25 13:30	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 15:37	1
Arsenic	0.0021		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Barium	0.049		0.0025		mg/L		09/17/25 08:22	09/19/25 15:37	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Boron	7.6		0.50		mg/L		09/17/25 08:22	09/22/25 16:46	10
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Calcium	130		0.20		mg/L		09/17/25 08:22	09/19/25 15:37	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Lithium	0.12		0.010		mg/L		09/17/25 08:22	09/19/25 15:37	1
Molybdenum	0.27		0.0050		mg/L		09/17/25 08:22	09/19/25 15:37	1
Selenium	0.0028		0.0025		mg/L		09/17/25 08:22	09/19/25 15:37	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 15:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	840		10		mg/L			09/22/25 05:25	1
Chloride (SM 4500 Cl- E)	81		10		mg/L			09/18/25 10:35	5
Fluoride (SM 4500 F C)	0.14		0.10		mg/L			09/25/25 10:47	1
Sulfate (SM 4500 SO4 E)	360		50		mg/L			09/25/25 12:57	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	68.96				ft			09/16/25 14:26	1
Depth to Water (ft from MP)	71.51				ft			09/16/25 14:26	1
Elevation of well (ft from MP)	578.64				ft			09/16/25 14:26	1
Field pH	7.70				SU			09/16/25 14:26	1
Field Temperature	59.7				Degrees F			09/16/25 14:26	1
Ground Water Elevation	578.64				ft			09/16/25 14:26	1
Specific Conductance	1121				umhos/cm			09/16/25 14:26	1
Well bottom elevation	453.08				ft			09/16/25 14:26	1
Field Turbidity	0.61				NTU			09/16/25 14:26	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/25 08:05	09/22/25 17:45	1
Arsenic	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Barium	0.054		0.0025		mg/L		09/19/25 08:05	09/22/25 17:45	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Boron	4.5		0.25		mg/L		09/19/25 08:05	09/23/25 12:26	5
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Calcium	68		0.20		mg/L		09/19/25 08:05	09/22/25 17:45	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Lithium	0.023		0.010		mg/L		09/19/25 08:05	09/22/25 17:45	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:45	1
Selenium	<0.0025	F1	0.0025		mg/L		09/19/25 08:05	09/22/25 17:45	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 17:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			09/23/25 04:37	1
Chloride (SM 4500 Cl- E)	190		10		mg/L			09/25/25 10:06	5
Fluoride (SM 4500 F C)	0.87		0.10		mg/L			09/25/25 10:50	1
Sulfate (SM 4500 SO4 E)	480		50		mg/L			09/25/25 12:57	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.37				ft			09/18/25 10:03	1
Depth to Water (ft from MP)	1.94				ft			09/18/25 10:03	1
Elevation of well (ft from MP)	524.78				ft			09/18/25 10:03	1
Field pH	7.93				SU			09/18/25 10:03	1
Field Temperature	60.1				Degrees F			09/18/25 10:03	1
Ground Water Elevation	522.84				ft			09/18/25 10:03	1
Specific Conductance	1987				umhos/cm			09/18/25 10:03	1
Well bottom elevation	462.58				ft			09/18/25 10:03	1
Field Turbidity	0.89				NTU			09/18/25 10:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/25 08:05	09/22/25 18:19	1
Arsenic	0.0029		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Barium	0.036		0.0025		mg/L		09/19/25 08:05	09/22/25 18:19	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Boron	4.0		0.050		mg/L		09/19/25 08:05	09/23/25 12:37	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Calcium	120		0.20		mg/L		09/19/25 08:05	09/22/25 18:19	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Lithium	0.098		0.010		mg/L		09/19/25 08:05	09/22/25 18:19	1
Molybdenum	0.53		0.0050		mg/L		09/19/25 08:05	09/22/25 18:19	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 18:19	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 18:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	830		10		mg/L			09/23/25 04:40	1
Chloride (SM 4500 Cl- E)	38		2.0		mg/L			09/25/25 09:43	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			09/25/25 10:53	1
Sulfate (SM 4500 SO4 E)	390		50		mg/L			09/25/25 12:58	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	21.37				ft			09/18/25 12:09	1
Depth to Water (ft from MP)	23.40				ft			09/18/25 12:09	1
Elevation of well (ft from MP)	537.04				ft			09/18/25 12:09	1
Field pH	7.35				SU			09/18/25 12:09	1
Field Temperature	56.1				Degrees F			09/18/25 12:09	1
Ground Water Elevation	513.64				ft			09/18/25 12:09	1
Specific Conductance	986				umhos/cm			09/18/25 12:09	1
Well bottom elevation	457.84				ft			09/18/25 12:09	1
Field Turbidity	1.31				NTU			09/18/25 12:09	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/25 08:05	09/22/25 18:21	1
Arsenic	0.0090		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Barium	0.041		0.0025		mg/L		09/19/25 08:05	09/22/25 18:21	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Boron	0.46		0.050		mg/L		09/19/25 08:05	09/23/25 12:39	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Calcium	96		0.20		mg/L		09/19/25 08:05	09/22/25 18:21	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Lithium	0.028		0.010		mg/L		09/19/25 08:05	09/22/25 18:21	1
Molybdenum	0.013		0.0050		mg/L		09/19/25 08:05	09/22/25 18:21	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 18:21	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 18:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	720		10		mg/L			09/23/25 04:42	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			09/25/25 10:06	5
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			09/25/25 10:56	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			09/25/25 12:58	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	62.17				ft			09/18/25 13:31	1
Depth to Water (ft from MP)	65.14				ft			09/18/25 13:31	1
Elevation of well (ft from MP)	603.81				ft			09/18/25 13:31	1
Field pH	7.34				SU			09/18/25 13:31	1
Field Temperature	60.6				Degrees F			09/18/25 13:31	1
Ground Water Elevation	538.67				ft			09/18/25 13:31	1
Specific Conductance	1056				umhos/cm			09/18/25 13:31	1
Well bottom elevation	471.05				ft			09/18/25 13:31	1
Field Turbidity	0.61				NTU			09/18/25 13:31	1

Eurofins Chicago

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/22/25 08:09	09/22/25 17:08	1
Arsenic	0.0021		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Barium	0.056		0.0025		mg/L		09/22/25 08:09	09/22/25 17:08	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Boron	0.57		0.050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Calcium	100		0.20		mg/L		09/22/25 08:09	09/22/25 17:08	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Lithium	0.024		0.010		mg/L		09/22/25 08:09	09/22/25 17:08	1
Molybdenum	0.027		0.0050		mg/L		09/22/25 08:09	09/22/25 17:08	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:08	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		10		mg/L			09/23/25 04:45	1
Chloride (SM 4500 Cl- E)	43		2.0		mg/L			09/25/25 09:44	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			09/25/25 11:07	1
Sulfate (SM 4500 SO4 E)	170		25		mg/L			09/25/25 12:58	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	18.10				ft			09/19/25 09:19	1
Depth to Water (ft from MP)	20.86				ft			09/19/25 09:19	1
Elevation of well (ft from MP)	525.33				ft			09/19/25 09:19	1
Field pH	7.30				SU			09/19/25 09:19	1
Field Temperature	60.8				Degrees F			09/19/25 09:19	1
Ground Water Elevation	504.47				ft			09/19/25 09:19	1
Specific Conductance	1001				umhos/cm			09/19/25 09:19	1
Well bottom elevation	452.21				ft			09/19/25 09:19	1
Field Turbidity	1.68				NTU			09/19/25 09:19	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/22/25 08:09	09/22/25 17:24	1
Arsenic	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Barium	0.070		0.0025		mg/L		09/22/25 08:09	09/22/25 17:24	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Boron	1.7		0.050		mg/L		09/22/25 08:09	09/23/25 12:48	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Calcium	130		0.20		mg/L		09/22/25 08:09	09/22/25 17:24	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Lithium	0.025		0.010		mg/L		09/22/25 08:09	09/22/25 17:24	1
Molybdenum	0.20		0.0050		mg/L		09/22/25 08:09	09/22/25 17:24	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:24	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		10		mg/L			09/23/25 04:47	1
Chloride (SM 4500 Cl- E)	57		4.0		mg/L			09/25/25 10:07	2
Fluoride (SM 4500 F C)	0.24		0.10		mg/L			09/25/25 11:12	1
Sulfate (SM 4500 SO4 E)	160		25		mg/L			09/25/25 13:00	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	81.88				ft			09/19/25 10:34	1
Depth to Water (ft from MP)	84.06				ft			09/19/25 10:34	1
Elevation of well (ft from MP)	586.62				ft			09/19/25 10:34	1
Field pH	7.01				SU			09/19/25 10:34	1
Field Temperature	59.0				Degrees F			09/19/25 10:34	1
Ground Water Elevation	502.56				ft			09/19/25 10:34	1
Specific Conductance	1185				umhos/cm			09/19/25 10:34	1
Well bottom elevation	455.11				ft			09/19/25 10:34	1
Field Turbidity	1.79				NTU			09/19/25 10:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/22/25 08:09	09/22/25 17:27	1
Arsenic	0.0026		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Barium	0.035		0.0025		mg/L		09/22/25 08:09	09/22/25 17:27	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Boron	0.32		0.050		mg/L		09/22/25 08:09	09/23/25 12:41	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Calcium	86		0.20		mg/L		09/22/25 08:09	09/22/25 17:27	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Lead	0.00089		0.00050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Lithium	0.012		0.010		mg/L		09/22/25 08:09	09/22/25 17:27	1
Molybdenum	0.0066		0.0050		mg/L		09/22/25 08:09	09/22/25 17:27	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 17:27	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 17:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		10		mg/L			09/23/25 04:50	1
Chloride (SM 4500 Cl- E)	19		2.0		mg/L			09/25/25 09:44	1
Fluoride (SM 4500 F C)	0.25		0.10		mg/L			09/25/25 11:16	1
Sulfate (SM 4500 SO4 E)	110		25		mg/L			09/25/25 13:13	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.42				ft			09/19/25 12:13	1
Depth to Water (ft from MP)	97.50				ft			09/19/25 12:13	1
Elevation of well (ft from MP)	598.74				ft			09/19/25 12:13	1
Field pH	7.33				SU			09/19/25 12:13	1
Field Temperature	58.1				Degrees F			09/19/25 12:13	1
Ground Water Elevation	501.24				ft			09/19/25 12:13	1
Specific Conductance	774				umhos/cm			09/19/25 12:13	1
Well bottom elevation	454.15				ft			09/19/25 12:13	1
Field Turbidity	57.50				NTU			09/19/25 12:13	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Qualifiers

Metals

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

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.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals

Prep Batch: 833259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	3005A	
500-274319-2	T06S	Total Recoverable	Water	3005A	
500-274319-3	T06S Dup	Total Recoverable	Water	3005A	
MB 500-833259/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-833259/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 833467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	6020B	833259
500-274319-2	T06S	Total Recoverable	Water	6020B	833259
500-274319-3	T06S Dup	Total Recoverable	Water	6020B	833259
MB 500-833259/1-A	Method Blank	Total Recoverable	Water	6020B	833259
LCS 500-833259/2-A	Lab Control Sample	Total Recoverable	Water	6020B	833259

Prep Batch: 833773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	7470A	
500-274319-2	T06S	Total/NA	Water	7470A	
500-274319-3	T06S Dup	Total/NA	Water	7470A	
500-274319-4	T02S	Total/NA	Water	7470A	
500-274319-5	T08S	Total/NA	Water	7470A	
500-274319-6	T03S	Total/NA	Water	7470A	
500-274319-7	T01S	Total/NA	Water	7470A	
500-274319-8	T11S	Total/NA	Water	7470A	
500-274319-9	T05S	Total/NA	Water	7470A	
MB 500-833773/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-833773/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 833888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total Recoverable	Water	6020B	833259

Analysis Batch: 833930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	7470A	833773
500-274319-2	T06S	Total/NA	Water	7470A	833773
500-274319-3	T06S Dup	Total/NA	Water	7470A	833773
500-274319-4	T02S	Total/NA	Water	7470A	833773
500-274319-5	T08S	Total/NA	Water	7470A	833773
500-274319-6	T03S	Total/NA	Water	7470A	833773
500-274319-7	T01S	Total/NA	Water	7470A	833773
500-274319-8	T11S	Total/NA	Water	7470A	833773
500-274319-9	T05S	Total/NA	Water	7470A	833773
MB 500-833773/12-A	Method Blank	Total/NA	Water	7470A	833773
LCS 500-833773/13-A	Lab Control Sample	Total/NA	Water	7470A	833773

Prep Batch: 834297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total Recoverable	Water	3005A	
500-274319-5	T08S	Total Recoverable	Water	3005A	
500-274319-6	T03S	Total Recoverable	Water	3005A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Prep Batch: 834297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total Recoverable	Water	3005A	
500-274319-8	T11S	Total Recoverable	Water	3005A	
500-274319-9	T05S	Total Recoverable	Water	3005A	
500-274319-10	G31S	Total Recoverable	Water	3005A	
500-274319-11	G33S	Total Recoverable	Water	3005A	
500-274319-12	T12S	Total Recoverable	Water	3005A	
500-274319-13	G41S	Total Recoverable	Water	3005A	
500-274319-14	G42S	Total Recoverable	Water	3005A	
500-274319-15	G48S	Total Recoverable	Water	3005A	
500-274319-16	G47S	Total Recoverable	Water	3005A	
500-274319-17	G20S	Total Recoverable	Water	3005A	
500-274319-18	G46S	Total Recoverable	Water	3005A	
500-274319-19	R08S	Total Recoverable	Water	3005A	
MB 500-834297/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834297/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 834686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total Recoverable	Water	3005A	
500-274319-21	R32S	Total Recoverable	Water	3005A	
500-274319-22	G45S	Total Recoverable	Water	3005A	
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-274319-20 MS	G30S	Total Recoverable	Water	3005A	
500-274319-20 MSD	G30S	Total Recoverable	Water	3005A	
500-274319-20 DU	G30S	Total Recoverable	Water	3005A	

Prep Batch: 834803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	7470A	
500-274319-11	G33S	Total/NA	Water	7470A	
500-274319-12	T12S	Total/NA	Water	7470A	
500-274319-13	G41S	Total/NA	Water	7470A	
500-274319-14	G42S	Total/NA	Water	7470A	
500-274319-15	G48S	Total/NA	Water	7470A	
500-274319-16	G47S	Total/NA	Water	7470A	
500-274319-17	G20S	Total/NA	Water	7470A	
500-274319-18	G46S	Total/NA	Water	7470A	
500-274319-19	R08S	Total/NA	Water	7470A	
500-274319-20	G30S	Total/NA	Water	7470A	
500-274319-21	R32S	Total/NA	Water	7470A	
MB 500-834803/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-834803/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-274319-16 MS	G47S	Total/NA	Water	7470A	
500-274319-16 MSD	G47S	Total/NA	Water	7470A	
500-274319-16 DU	G47S	Total/NA	Water	7470A	

Prep Batch: 834805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-22	G45S	Total/NA	Water	7470A	
MB 500-834805/12-A	Method Blank	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Prep Batch: 834805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-834805/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 834916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total Recoverable	Water	3005A	
500-274319-24	G44S	Total Recoverable	Water	3005A	
500-274319-25	G39S	Total Recoverable	Water	3005A	
MB 500-834916/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-834916/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-274319-23 MS	T13S	Total Recoverable	Water	3005A	
500-274319-23 MSD	T13S	Total Recoverable	Water	3005A	
500-274319-23 DU	T13S	Total Recoverable	Water	3005A	

Analysis Batch: 834923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total Recoverable	Water	6020B	834297
500-274319-5	T08S	Total Recoverable	Water	6020B	834297
500-274319-6	T03S	Total Recoverable	Water	6020B	834297
500-274319-7	T01S	Total Recoverable	Water	6020B	834297
500-274319-8	T11S	Total Recoverable	Water	6020B	834297
500-274319-9	T05S	Total Recoverable	Water	6020B	834297
500-274319-10	G31S	Total Recoverable	Water	6020B	834297
500-274319-11	G33S	Total Recoverable	Water	6020B	834297
500-274319-12	T12S	Total Recoverable	Water	6020B	834297
500-274319-13	G41S	Total Recoverable	Water	6020B	834297
500-274319-14	G42S	Total Recoverable	Water	6020B	834297
500-274319-15	G48S	Total Recoverable	Water	6020B	834297
500-274319-16	G47S	Total Recoverable	Water	6020B	834297
500-274319-17	G20S	Total Recoverable	Water	6020B	834297
500-274319-18	G46S	Total Recoverable	Water	6020B	834297
500-274319-19	R08S	Total Recoverable	Water	6020B	834297
MB 500-834297/1-A	Method Blank	Total Recoverable	Water	6020B	834297
LCS 500-834297/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834297

Prep Batch: 834985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total/NA	Water	7470A	
500-274319-24	G44S	Total/NA	Water	7470A	
500-274319-25	G39S	Total/NA	Water	7470A	
MB 500-834985/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-834985/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 835004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	7470A	834803
500-274319-11	G33S	Total/NA	Water	7470A	834803
500-274319-12	T12S	Total/NA	Water	7470A	834803
500-274319-13	G41S	Total/NA	Water	7470A	834803
500-274319-14	G42S	Total/NA	Water	7470A	834803
500-274319-15	G48S	Total/NA	Water	7470A	834803
500-274319-16	G47S	Total/NA	Water	7470A	834803

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Analysis Batch: 835004 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	7470A	834803
500-274319-18	G46S	Total/NA	Water	7470A	834803
500-274319-19	R08S	Total/NA	Water	7470A	834803
500-274319-20	G30S	Total/NA	Water	7470A	834803
500-274319-21	R32S	Total/NA	Water	7470A	834803
500-274319-22	G45S	Total/NA	Water	7470A	834805
MB 500-834803/12-A	Method Blank	Total/NA	Water	7470A	834803
MB 500-834805/12-A	Method Blank	Total/NA	Water	7470A	834805
LCS 500-834803/13-A	Lab Control Sample	Total/NA	Water	7470A	834803
LCS 500-834805/13-A	Lab Control Sample	Total/NA	Water	7470A	834805
500-274319-16 MS	G47S	Total/NA	Water	7470A	834803
500-274319-16 MSD	G47S	Total/NA	Water	7470A	834803
500-274319-16 DU	G47S	Total/NA	Water	7470A	834803

Analysis Batch: 835127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-5	T08S	Total Recoverable	Water	6020B	834297
500-274319-9	T05S	Total Recoverable	Water	6020B	834297
500-274319-15	G48S	Total Recoverable	Water	6020B	834297
500-274319-16	G47S	Total Recoverable	Water	6020B	834297
500-274319-18	G46S	Total Recoverable	Water	6020B	834297
500-274319-19	R08S	Total Recoverable	Water	6020B	834297
500-274319-20	G30S	Total Recoverable	Water	6020B	834686
500-274319-21	R32S	Total Recoverable	Water	6020B	834686
500-274319-22	G45S	Total Recoverable	Water	6020B	834686
500-274319-23	T13S	Total Recoverable	Water	6020B	834916
500-274319-24	G44S	Total Recoverable	Water	6020B	834916
500-274319-25	G39S	Total Recoverable	Water	6020B	834916
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	6020B	834686
MB 500-834916/1-A	Method Blank	Total Recoverable	Water	6020B	834916
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834686
LCS 500-834916/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834916
500-274319-20 MS	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 MSD	G30S	Total Recoverable	Water	6020B	834686
500-274319-23 MS	T13S	Total Recoverable	Water	6020B	834916
500-274319-23 MSD	T13S	Total Recoverable	Water	6020B	834916
500-274319-20 DU	G30S	Total Recoverable	Water	6020B	834686
500-274319-23 DU	T13S	Total Recoverable	Water	6020B	834916

Analysis Batch: 835175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-23	T13S	Total/NA	Water	7470A	834985
500-274319-24	G44S	Total/NA	Water	7470A	834985
500-274319-25	G39S	Total/NA	Water	7470A	834985
MB 500-834985/12-A	Method Blank	Total/NA	Water	7470A	834985
LCS 500-834985/13-A	Lab Control Sample	Total/NA	Water	7470A	834985

Analysis Batch: 835346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total Recoverable	Water	6020B	834686
500-274319-21	R32S	Total Recoverable	Water	6020B	834686

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Metals (Continued)

Analysis Batch: 835346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-22	G45S	Total Recoverable	Water	6020B	834686
500-274319-24	G44S	Total Recoverable	Water	6020B	834916
500-274319-25	G39S	Total Recoverable	Water	6020B	834916
MB 500-834686/1-A	Method Blank	Total Recoverable	Water	6020B	834686
LCS 500-834686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	834686
500-274319-20 MS	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 MSD	G30S	Total Recoverable	Water	6020B	834686
500-274319-20 DU	G30S	Total Recoverable	Water	6020B	834686

General Chemistry

Analysis Batch: 833835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 Cl- E	
500-274319-2	T06S	Total/NA	Water	SM 4500 Cl- E	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-4	T02S	Total/NA	Water	SM 4500 Cl- E	
500-274319-5	T08S	Total/NA	Water	SM 4500 Cl- E	
500-274319-6	T03S	Total/NA	Water	SM 4500 Cl- E	
500-274319-7	T01S	Total/NA	Water	SM 4500 Cl- E	
500-274319-8	T11S	Total/NA	Water	SM 4500 Cl- E	
500-274319-9	T05S	Total/NA	Water	SM 4500 Cl- E	
500-274319-10	G31S	Total/NA	Water	SM 4500 Cl- E	
500-274319-11	G33S	Total/NA	Water	SM 4500 Cl- E	
500-274319-12	T12S	Total/NA	Water	SM 4500 Cl- E	
500-274319-13	G41S	Total/NA	Water	SM 4500 Cl- E	
MB 500-833835/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-833835/67	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-833835/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-833835/68	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-274319-3 MS	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-3 MSD	T06S Dup	Total/NA	Water	SM 4500 Cl- E	
500-274319-8 MS	T11S	Total/NA	Water	SM 4500 Cl- E	
500-274319-8 MSD	T11S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 833838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 2540C	
500-274319-2	T06S	Total/NA	Water	SM 2540C	
500-274319-3	T06S Dup	Total/NA	Water	SM 2540C	
MB 500-833838/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-833838/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 833876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 SO4 E	
500-274319-2	T06S	Total/NA	Water	SM 4500 SO4 E	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 SO4 E	
500-274319-4	T02S	Total/NA	Water	SM 4500 SO4 E	
500-274319-5	T08S	Total/NA	Water	SM 4500 SO4 E	
500-274319-6	T03S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 833876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	SM 4500 SO4 E	
500-274319-8	T11S	Total/NA	Water	SM 4500 SO4 E	
500-274319-9	T05S	Total/NA	Water	SM 4500 SO4 E	
500-274319-10	G31S	Total/NA	Water	SM 4500 SO4 E	
500-274319-11	G33S	Total/NA	Water	SM 4500 SO4 E	
500-274319-12	T12S	Total/NA	Water	SM 4500 SO4 E	
500-274319-13	G41S	Total/NA	Water	SM 4500 SO4 E	
MB 500-833876/19	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-833876/20	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 834083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	SM 2540C	
500-274319-5	T08S	Total/NA	Water	SM 2540C	
500-274319-6	T03S	Total/NA	Water	SM 2540C	
500-274319-7	T01S	Total/NA	Water	SM 2540C	
500-274319-8	T11S	Total/NA	Water	SM 2540C	
500-274319-9	T05S	Total/NA	Water	SM 2540C	
500-274319-10	G31S	Total/NA	Water	SM 2540C	
MB 500-834083/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834083/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-274319-4 MS	T02S	Total/NA	Water	SM 2540C	
500-274319-4 DU	T02S	Total/NA	Water	SM 2540C	
500-274319-5 DU	T08S	Total/NA	Water	SM 2540C	

Analysis Batch: 834161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	SM 4500 Cl- E	
500-274319-15	G48S	Total/NA	Water	SM 4500 Cl- E	
500-274319-16	G47S	Total/NA	Water	SM 4500 Cl- E	
MB 500-834161/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-834161/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-274319-16 MS	G47S	Total/NA	Water	SM 4500 Cl- E	
500-274319-16 MSD	G47S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 834578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 4500 Cl- E	
500-274319-18	G46S	Total/NA	Water	SM 4500 Cl- E	
500-274319-19	R08S	Total/NA	Water	SM 4500 Cl- E	
MB 500-834578/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-834578/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 834661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-11	G33S	Total/NA	Water	SM 2540C	
500-274319-12	T12S	Total/NA	Water	SM 2540C	
500-274319-13	G41S	Total/NA	Water	SM 2540C	
500-274319-14	G42S	Total/NA	Water	SM 2540C	
500-274319-15	G48S	Total/NA	Water	SM 2540C	
500-274319-16	G47S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 834661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-834661/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834661/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 834902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 2540C	
500-274319-18	G46S	Total/NA	Water	SM 2540C	
500-274319-19	R08S	Total/NA	Water	SM 2540C	
MB 500-834902/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-834902/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-274319-17 MS	G20S	Total/NA	Water	SM 2540C	
500-274319-17 DU	G20S	Total/NA	Water	SM 2540C	
500-274319-18 DU	G46S	Total/NA	Water	SM 2540C	

Analysis Batch: 835076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	SM 2540C	
500-274319-21	R32S	Total/NA	Water	SM 2540C	
500-274319-22	G45S	Total/NA	Water	SM 2540C	
500-274319-23	T13S	Total/NA	Water	SM 2540C	
500-274319-24	G44S	Total/NA	Water	SM 2540C	
500-274319-25	G39S	Total/NA	Water	SM 2540C	
MB 500-835076/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-835076/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 835303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	SM 4500 F C	
500-274319-2	T06S	Total/NA	Water	SM 4500 F C	
500-274319-3	T06S Dup	Total/NA	Water	SM 4500 F C	
500-274319-4	T02S	Total/NA	Water	SM 4500 F C	
500-274319-5	T08S	Total/NA	Water	SM 4500 F C	
500-274319-6	T03S	Total/NA	Water	SM 4500 F C	
500-274319-7	T01S	Total/NA	Water	SM 4500 F C	
500-274319-8	T11S	Total/NA	Water	SM 4500 F C	
500-274319-9	T05S	Total/NA	Water	SM 4500 F C	
500-274319-10	G31S	Total/NA	Water	SM 4500 F C	
500-274319-11	G33S	Total/NA	Water	SM 4500 F C	
500-274319-12	T12S	Total/NA	Water	SM 4500 F C	
500-274319-13	G41S	Total/NA	Water	SM 4500 F C	
500-274319-14	G42S	Total/NA	Water	SM 4500 F C	
500-274319-15	G48S	Total/NA	Water	SM 4500 F C	
500-274319-16	G47S	Total/NA	Water	SM 4500 F C	
MB 500-835303/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-835303/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-274319-1 MS	T09S	Total/NA	Water	SM 4500 F C	
500-274319-1 MSD	T09S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 835609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	SM 4500 CI- E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

General Chemistry (Continued)

Analysis Batch: 835609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-21	R32S	Total/NA	Water	SM 4500 Cl- E	
500-274319-22	G45S	Total/NA	Water	SM 4500 Cl- E	
500-274319-23	T13S	Total/NA	Water	SM 4500 Cl- E	
500-274319-24	G44S	Total/NA	Water	SM 4500 Cl- E	
500-274319-25	G39S	Total/NA	Water	SM 4500 Cl- E	
MB 500-835609/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-835609/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 835645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	SM 4500 SO4 E	
500-274319-15	G48S	Total/NA	Water	SM 4500 SO4 E	
500-274319-16	G47S	Total/NA	Water	SM 4500 SO4 E	
500-274319-17	G20S	Total/NA	Water	SM 4500 SO4 E	
500-274319-18	G46S	Total/NA	Water	SM 4500 SO4 E	
500-274319-19	R08S	Total/NA	Water	SM 4500 SO4 E	
500-274319-20	G30S	Total/NA	Water	SM 4500 SO4 E	
500-274319-21	R32S	Total/NA	Water	SM 4500 SO4 E	
500-274319-22	G45S	Total/NA	Water	SM 4500 SO4 E	
500-274319-23	T13S	Total/NA	Water	SM 4500 SO4 E	
500-274319-24	G44S	Total/NA	Water	SM 4500 SO4 E	
500-274319-25	G39S	Total/NA	Water	SM 4500 SO4 E	
MB 500-835645/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-835645/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 835658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	SM 4500 F C	
500-274319-18	G46S	Total/NA	Water	SM 4500 F C	
500-274319-19	R08S	Total/NA	Water	SM 4500 F C	
500-274319-20	G30S	Total/NA	Water	SM 4500 F C	
500-274319-21	R32S	Total/NA	Water	SM 4500 F C	
500-274319-22	G45S	Total/NA	Water	SM 4500 F C	
500-274319-23	T13S	Total/NA	Water	SM 4500 F C	
500-274319-24	G44S	Total/NA	Water	SM 4500 F C	
500-274319-25	G39S	Total/NA	Water	SM 4500 F C	
MB 500-835658/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-835658/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-274319-17 MS	G20S	Total/NA	Water	SM 4500 F C	
500-274319-17 MSD	G20S	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 833899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	Field Sampling	
500-274319-2	T06S	Total/NA	Water	Field Sampling	
500-274319-3	T06S Dup	Total/NA	Water	Field Sampling	
500-274319-4	T02S	Total/NA	Water	Field Sampling	
500-274319-5	T08S	Total/NA	Water	Field Sampling	
500-274319-6	T03S	Total/NA	Water	Field Sampling	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 833899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	Field Sampling	
500-274319-8	T11S	Total/NA	Water	Field Sampling	
500-274319-9	T05S	Total/NA	Water	Field Sampling	
500-274319-10	G31S	Total/NA	Water	Field Sampling	
500-274319-11	G33S	Total/NA	Water	Field Sampling	
500-274319-12	T12S	Total/NA	Water	Field Sampling	
500-274319-13	G41S	Total/NA	Water	Field Sampling	
500-274319-14	G42S	Total/NA	Water	Field Sampling	
500-274319-15	G48S	Total/NA	Water	Field Sampling	
500-274319-16	G47S	Total/NA	Water	Field Sampling	
500-274319-17	G20S	Total/NA	Water	Field Sampling	
500-274319-18	G46S	Total/NA	Water	Field Sampling	
500-274319-19	R08S	Total/NA	Water	Field Sampling	
500-274319-20	G30S	Total/NA	Water	Field Sampling	
500-274319-21	R32S	Total/NA	Water	Field Sampling	
500-274319-22	G45S	Total/NA	Water	Field Sampling	
500-274319-23	T13S	Total/NA	Water	Field Sampling	
500-274319-24	G44S	Total/NA	Water	Field Sampling	
500-274319-25	G39S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-833259/1-A

Matrix: Water

Analysis Batch: 833467

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 833259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/10/25 08:07	09/10/25 16:17	1
Arsenic	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Barium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:17	1
Beryllium	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Boron	<0.050		0.050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Cadmium	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Calcium	<0.20		0.20		mg/L		09/10/25 08:07	09/10/25 16:17	1
Chromium	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Cobalt	<0.0010		0.0010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Lead	<0.00050		0.00050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Lithium	<0.010		0.010		mg/L		09/10/25 08:07	09/10/25 16:17	1
Molybdenum	<0.0050		0.0050		mg/L		09/10/25 08:07	09/10/25 16:17	1
Selenium	<0.0025		0.0025		mg/L		09/10/25 08:07	09/10/25 16:17	1
Thallium	<0.0020		0.0020		mg/L		09/10/25 08:07	09/10/25 16:17	1

Lab Sample ID: LCS 500-833259/2-A

Matrix: Water

Analysis Batch: 833467

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 833259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.503		mg/L		101	80 - 120
Arsenic	0.100	0.0977		mg/L		98	80 - 120
Barium	2.00	2.14		mg/L		107	80 - 120
Beryllium	0.0500	0.0468		mg/L		94	80 - 120
Boron	1.00	0.928		mg/L		93	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	9.63		mg/L		96	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Lithium	0.500	0.480		mg/L		96	80 - 120
Molybdenum	1.00	0.966		mg/L		97	80 - 120
Selenium	0.100	0.0962		mg/L		96	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-834297/1-A

Matrix: Water

Analysis Batch: 834923

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 834297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/17/25 08:22	09/19/25 14:02	1
Arsenic	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Barium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:02	1
Beryllium	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Boron	<0.050		0.050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Cadmium	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Calcium	<0.20		0.20		mg/L		09/17/25 08:22	09/19/25 14:02	1
Chromium	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Cobalt	<0.0010		0.0010		mg/L		09/17/25 08:22	09/19/25 14:02	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834297/1-A

Matrix: Water

Analysis Batch: 834923

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 834297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00050		0.00050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Lithium	<0.010		0.010		mg/L		09/17/25 08:22	09/19/25 14:02	1
Molybdenum	<0.0050		0.0050		mg/L		09/17/25 08:22	09/19/25 14:02	1
Selenium	<0.0025		0.0025		mg/L		09/17/25 08:22	09/19/25 14:02	1
Thallium	<0.0020		0.0020		mg/L		09/17/25 08:22	09/19/25 14:02	1

Lab Sample ID: LCS 500-834297/2-A

Matrix: Water

Analysis Batch: 834923

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 834297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.0968		mg/L		97	80 - 120
Barium	0.500	0.505		mg/L		101	80 - 120
Beryllium	0.0500	0.0491		mg/L		98	80 - 120
Boron	1.00	0.971		mg/L		97	80 - 120
Cadmium	0.0500	0.0496		mg/L		99	80 - 120
Calcium	10.0	9.05		mg/L		91	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.100	0.0999		mg/L		100	80 - 120
Lithium	0.100	0.102		mg/L		102	80 - 120
Molybdenum	1.00	1.00		mg/L		100	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: MB 500-834686/1-A

Matrix: Water

Analysis Batch: 835127

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/19/25 08:05	09/22/25 17:40	1
Arsenic	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Barium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 17:40	1
Beryllium	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Cadmium	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Calcium	<0.20		0.20		mg/L		09/19/25 08:05	09/22/25 17:40	1
Chromium	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Cobalt	<0.0010		0.0010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Lead	<0.00050		0.00050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Lithium	<0.010		0.010		mg/L		09/19/25 08:05	09/22/25 17:40	1
Molybdenum	<0.0050		0.0050		mg/L		09/19/25 08:05	09/22/25 17:40	1
Selenium	<0.0025		0.0025		mg/L		09/19/25 08:05	09/22/25 17:40	1
Thallium	<0.0020		0.0020		mg/L		09/19/25 08:05	09/22/25 17:40	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834686/1-A

Matrix: Water

Analysis Batch: 835346

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		09/19/25 08:05	09/23/25 12:21	1

Lab Sample ID: LCS 500-834686/2-A

Matrix: Water

Analysis Batch: 835127

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 834686

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	0.0988		mg/L		99	80 - 120
Barium	2.00	2.16		mg/L		108	80 - 120
Beryllium	0.0500	0.0463		mg/L		93	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Calcium	10.0	9.11		mg/L		91	80 - 120
Chromium	0.200	0.190		mg/L		95	80 - 120
Cobalt	0.500	0.486		mg/L		97	80 - 120
Lead	0.100	0.0992		mg/L		99	80 - 120
Lithium	0.500	0.476		mg/L		95	80 - 120
Molybdenum	1.00	0.978		mg/L		98	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 500-834686/2-A

Matrix: Water

Analysis Batch: 835346

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.932		mg/L		93	80 - 120

Lab Sample ID: 500-274319-20 MS

Matrix: Water

Analysis Batch: 835127

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.525		mg/L		105	75 - 125
Arsenic	<0.0010		0.100	0.107		mg/L		107	75 - 125
Barium	0.054		2.00	2.29		mg/L		112	75 - 125
Beryllium	<0.0010		0.0500	0.0477		mg/L		95	75 - 125
Cadmium	<0.00050		0.0500	0.0503		mg/L		101	75 - 125
Calcium	68		10.0	77.5	4	mg/L		99	75 - 125
Chromium	<0.0050		0.200	0.192		mg/L		96	75 - 125
Cobalt	<0.0010		0.500	0.495		mg/L		99	75 - 125
Lead	<0.00050		0.100	0.0995		mg/L		99	75 - 125
Lithium	0.023		0.500	0.488		mg/L		93	75 - 125
Molybdenum	<0.0050		1.00	1.05		mg/L		104	75 - 125
Selenium	<0.0025	F1	0.100	0.0775		mg/L		76	75 - 125
Thallium	<0.0020		0.100	0.104		mg/L		104	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-20 MS

Matrix: Water

Analysis Batch: 835346

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	4.5		1.00	6.03	4	mg/L		153	75 - 125

Lab Sample ID: 500-274319-20 MSD

Matrix: Water

Analysis Batch: 835127

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.531		mg/L		106	75 - 125	1	20
Arsenic	<0.0010		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.054		2.00	2.28		mg/L		112	75 - 125	0	20
Beryllium	<0.0010		0.0500	0.0483		mg/L		97	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0501		mg/L		100	75 - 125	0	20
Calcium	68		10.0	78.0	4	mg/L		104	75 - 125	1	20
Chromium	<0.0050		0.200	0.194		mg/L		97	75 - 125	1	20
Cobalt	<0.0010		0.500	0.497		mg/L		99	75 - 125	0	20
Lead	<0.00050		0.100	0.0996		mg/L		100	75 - 125	0	20
Lithium	0.023		0.500	0.504		mg/L		96	75 - 125	3	20
Molybdenum	<0.0050		1.00	1.06		mg/L		105	75 - 125	1	20
Selenium	<0.0025	F1	0.100	0.0698	F1	mg/L		69	75 - 125	11	20
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-274319-20 MSD

Matrix: Water

Analysis Batch: 835346

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4.5		1.00	6.02	4	mg/L		152	75 - 125	0	20

Lab Sample ID: 500-274319-20 DU

Matrix: Water

Analysis Batch: 835127

Client Sample ID: G30S

Prep Type: Total Recoverable

Prep Batch: 834686

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	0.054		0.0537		mg/L		0	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	68		67.7		mg/L		0.3	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	0.023		0.0227		mg/L		2	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.0025	F1	<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-20 DU
Matrix: Water
Analysis Batch: 835346

Client Sample ID: G30S
Prep Type: Total Recoverable
Prep Batch: 834686

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	4.5		4.99		mg/L		10	20

Lab Sample ID: MB 500-834916/1-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		09/22/25 08:09	09/22/25 16:48	1
Arsenic	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Barium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 16:48	1
Beryllium	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Boron	<0.050		0.050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Cadmium	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Calcium	<0.20		0.20		mg/L		09/22/25 08:09	09/22/25 16:48	1
Chromium	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Cobalt	<0.0010		0.0010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Lead	<0.00050		0.00050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Lithium	<0.010		0.010		mg/L		09/22/25 08:09	09/22/25 16:48	1
Molybdenum	<0.0050		0.0050		mg/L		09/22/25 08:09	09/22/25 16:48	1
Selenium	<0.0025		0.0025		mg/L		09/22/25 08:09	09/22/25 16:48	1
Thallium	<0.0020		0.0020		mg/L		09/22/25 08:09	09/22/25 16:48	1

Lab Sample ID: LCS 500-834916/2-A
Matrix: Water
Analysis Batch: 835127

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.489		mg/L		98	80 - 120
Arsenic	0.100	0.0959		mg/L		96	80 - 120
Barium	2.00	2.11		mg/L		105	80 - 120
Beryllium	0.0500	0.0477		mg/L		95	80 - 120
Boron	1.00	0.943		mg/L		94	80 - 120
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Calcium	10.0	8.82		mg/L		88	80 - 120
Chromium	0.200	0.189		mg/L		94	80 - 120
Cobalt	0.500	0.483		mg/L		97	80 - 120
Lead	0.100	0.0969		mg/L		97	80 - 120
Lithium	0.500	0.480		mg/L		96	80 - 120
Molybdenum	1.00	0.959		mg/L		96	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 500-274319-23 MS
Matrix: Water
Analysis Batch: 835127

Client Sample ID: T13S
Prep Type: Total Recoverable
Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.506		mg/L		101	75 - 125
Arsenic	0.0021		0.100	0.104		mg/L		102	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-23 MS

Matrix: Water

Analysis Batch: 835127

Client Sample ID: T13S

Prep Type: Total Recoverable

Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.056		2.00	2.21		mg/L		108	75 - 125
Beryllium	<0.0010		0.0500	0.0473		mg/L		95	75 - 125
Boron	0.57		1.00	1.53		mg/L		95	75 - 125
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125
Calcium	100		10.0	115	4	mg/L		125	75 - 125
Chromium	<0.0050		0.200	0.190		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.479		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.0966		mg/L		97	75 - 125
Lithium	0.024		0.500	0.500		mg/L		95	75 - 125
Molybdenum	0.027		1.00	1.04		mg/L		101	75 - 125
Selenium	<0.0025		0.100	0.0951		mg/L		95	75 - 125
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125

Lab Sample ID: 500-274319-23 MSD

Matrix: Water

Analysis Batch: 835127

Client Sample ID: T13S

Prep Type: Total Recoverable

Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.503		mg/L		101	75 - 125	1	20
Arsenic	0.0021		0.100	0.103		mg/L		101	75 - 125	1	20
Barium	0.056		2.00	2.20		mg/L		107	75 - 125	0	20
Beryllium	<0.0010		0.0500	0.0477		mg/L		95	75 - 125	1	20
Boron	0.57		1.00	1.52		mg/L		95	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0491		mg/L		98	75 - 125	1	20
Calcium	100		10.0	115	4	mg/L		120	75 - 125	0	20
Chromium	<0.0050		0.200	0.189		mg/L		94	75 - 125	0	20
Cobalt	<0.0010		0.500	0.470		mg/L		94	75 - 125	2	20
Lead	<0.00050		0.100	0.0959		mg/L		96	75 - 125	1	20
Lithium	0.024		0.500	0.497		mg/L		95	75 - 125	1	20
Molybdenum	0.027		1.00	1.03		mg/L		100	75 - 125	0	20
Selenium	<0.0025		0.100	0.0956		mg/L		96	75 - 125	1	20
Thallium	<0.0020		0.100	0.101		mg/L		101	75 - 125	2	20

Lab Sample ID: 500-274319-23 DU

Matrix: Water

Analysis Batch: 835127

Client Sample ID: T13S

Prep Type: Total Recoverable

Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0021		0.00206		mg/L		4	20
Barium	0.056		0.0556		mg/L		1	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.57		0.565		mg/L		2	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	100		101		mg/L		2	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Lithium	0.024		0.0238		mg/L		0.9	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-23 DU

Matrix: Water

Analysis Batch: 835127

Client Sample ID: T13S

Prep Type: Total Recoverable

Prep Batch: 834916

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Molybdenum	0.027		0.0272		mg/L		0.9	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-833773/12-A

Matrix: Water

Analysis Batch: 833930

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 833773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/12/25 14:40	09/15/25 09:00	1

Lab Sample ID: LCS 500-833773/13-A

Matrix: Water

Analysis Batch: 833930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 833773

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: MB 500-834803/12-A

Matrix: Water

Analysis Batch: 835004

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 834803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 08:04	1

Lab Sample ID: LCS 500-834803/13-A

Matrix: Water

Analysis Batch: 835004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 834803

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

Lab Sample ID: 500-274319-16 MS

Matrix: Water

Analysis Batch: 835004

Client Sample ID: G47S

Prep Type: Total/NA

Prep Batch: 834803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.00100	0.000979		mg/L		98	75 - 125

Lab Sample ID: 500-274319-16 MSD

Matrix: Water

Analysis Batch: 835004

Client Sample ID: G47S

Prep Type: Total/NA

Prep Batch: 834803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.00100	0.000955		mg/L		95	75 - 125	2	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: 500-274319-16 DU
Matrix: Water
Analysis Batch: 835004

Client Sample ID: G47S
Prep Type: Total/NA
Prep Batch: 834803

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

Lab Sample ID: MB 500-834805/12-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 834805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/19/25 13:50	09/22/25 10:26	1

Lab Sample ID: LCS 500-834805/13-A
Matrix: Water
Analysis Batch: 835004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 834805

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 500-834985/12-A
Matrix: Water
Analysis Batch: 835175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 834985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		09/22/25 11:40	09/23/25 07:53	1

Lab Sample ID: LCS 500-834985/13-A
Matrix: Water
Analysis Batch: 835175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 834985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00213		mg/L		107	80 - 120

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

Lab Sample ID: MB 500-833838/1
Matrix: Water
Analysis Batch: 833838

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/15/25 01:18	1

Lab Sample ID: LCS 500-833838/2
Matrix: Water
Analysis Batch: 833838

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

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-834083/1
Matrix: Water
Analysis Batch: 834083

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/16/25 03:12	1

Lab Sample ID: LCS 500-834083/2
Matrix: Water
Analysis Batch: 834083

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	256		mg/L		102	80 - 120

Lab Sample ID: 500-274319-4 MS
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	960		250	1230		mg/L		105	75 - 125

Lab Sample ID: 500-274319-4 DU
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T02S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	960		936		mg/L		3	5

Lab Sample ID: 500-274319-5 DU
Matrix: Water
Analysis Batch: 834083

Client Sample ID: T08S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	980		1010		mg/L		3	5

Lab Sample ID: MB 500-834661/1
Matrix: Water
Analysis Batch: 834661

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/19/25 03:27	1

Lab Sample ID: LCS 500-834661/2
Matrix: Water
Analysis Batch: 834661

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

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

Lab Sample ID: MB 500-834902/1
Matrix: Water
Analysis Batch: 834902

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/22/25 05:07	1

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: LCS 500-834902/2

Matrix: Water

Analysis Batch: 834902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-274319-17 MS

Matrix: Water

Analysis Batch: 834902

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	370		250	674		mg/L		123	75 - 125

Lab Sample ID: 500-274319-17 DU

Matrix: Water

Analysis Batch: 834902

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	370		360		mg/L		2	5

Lab Sample ID: 500-274319-18 DU

Matrix: Water

Analysis Batch: 834902

Client Sample ID: G46S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		1080		mg/L		5	5

Lab Sample ID: MB 500-835076/1

Matrix: Water

Analysis Batch: 835076

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			09/23/25 03:51	1

Lab Sample ID: LCS 500-835076/2

Matrix: Water

Analysis Batch: 835076

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 500-833835/16

Matrix: Water

Analysis Batch: 833835

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/14/25 11:14	1

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

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

Lab Sample ID: MB 500-833835/67

Matrix: Water

Analysis Batch: 833835

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/14/25 12:21	1

Lab Sample ID: LCS 500-833835/17

Matrix: Water

Analysis Batch: 833835

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	20.1		mg/L		101	85 - 115

Lab Sample ID: LCS 500-833835/68

Matrix: Water

Analysis Batch: 833835

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		101	85 - 115

Lab Sample ID: 500-274319-3 MS

Matrix: Water

Analysis Batch: 833835

Client Sample ID: T06S Dup

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12		20.0	29.7		mg/L		87	75 - 125

Lab Sample ID: 500-274319-3 MSD

Matrix: Water

Analysis Batch: 833835

Client Sample ID: T06S Dup

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12		20.0	29.7		mg/L		86	75 - 125	0	20

Lab Sample ID: 500-274319-8 MS

Matrix: Water

Analysis Batch: 833835

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38	F1	20.0	64.4	F1	mg/L		131	75 - 125

Lab Sample ID: 500-274319-8 MSD

Matrix: Water

Analysis Batch: 833835

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38	F1	20.0	64.3	F1	mg/L		130	75 - 125	0	20

Lab Sample ID: MB 500-834161/16

Matrix: Water

Analysis Batch: 834161

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/16/25 10:33	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: LCS 500-834161/17

Matrix: Water

Analysis Batch: 834161

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: 500-274319-16 MS

Matrix: Water

Analysis Batch: 834161

Client Sample ID: G47S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	87		20.0	104	4	mg/L		84	75 - 125

Lab Sample ID: 500-274319-16 MSD

Matrix: Water

Analysis Batch: 834161

Client Sample ID: G47S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87		20.0	103	4	mg/L		78	75 - 125	1	20

Lab Sample ID: MB 500-834578/16

Matrix: Water

Analysis Batch: 834578

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/18/25 10:21	1

Lab Sample ID: LCS 500-834578/17

Matrix: Water

Analysis Batch: 834578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-835609/16

Matrix: Water

Analysis Batch: 835609

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			09/25/25 09:43	1

Lab Sample ID: LCS 500-835609/17

Matrix: Water

Analysis Batch: 835609

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-835303/3

Matrix: Water

Analysis Batch: 835303

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			09/23/25 14:48	1

Lab Sample ID: LCS 500-835303/4

Matrix: Water

Analysis Batch: 835303

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: 500-274319-1 MS

Matrix: Water

Analysis Batch: 835303

Client Sample ID: T09S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.29		5.00	5.23		mg/L		99	75 - 125

Lab Sample ID: 500-274319-1 MSD

Matrix: Water

Analysis Batch: 835303

Client Sample ID: T09S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.29		5.00	5.66		mg/L		107	75 - 125	8	20

Lab Sample ID: MB 500-835658/3

Matrix: Water

Analysis Batch: 835658

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			09/25/25 10:29	1

Lab Sample ID: LCS 500-835658/4

Matrix: Water

Analysis Batch: 835658

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	9.68		mg/L		97	90 - 119

Lab Sample ID: 500-274319-17 MS

Matrix: Water

Analysis Batch: 835658

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.84		5.00	6.08		mg/L		105	75 - 125

Lab Sample ID: 500-274319-17 MSD

Matrix: Water

Analysis Batch: 835658

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.84		5.00	5.89		mg/L		101	75 - 125	3	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-833876/19

Matrix: Water

Analysis Batch: 833876

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			09/14/25 13:18	1

Lab Sample ID: LCS 500-833876/20

Matrix: Water

Analysis Batch: 833876

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

Lab Sample ID: MB 500-835645/16

Matrix: Water

Analysis Batch: 835645

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			09/25/25 12:06	1

Lab Sample ID: LCS 500-835645/17

Matrix: Water

Analysis Batch: 835645

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	21.0		mg/L		105	88 - 123

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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09/29/25

Client Information		Sampler: <u>Noe L, John H.</u>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500-137751 50642 1	
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page: <u>Page 1 of 3</u>	
Company: Midwest Generation EME LLC				PWSID		Analysis Requested			
Address: 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra226Ra228_GFPD - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CLE, SM4500_SO4_E		Total Number of containers		Job #: <u>500-274319</u>	
City: Joliet		TAT Requested (days)						Preservation Codes D HNO3 N None	
State Zip: IL, 60436		Compliance Project ☐ Yes ☐ No						 500-274319 COC	
Phone		PO #: 4502187984							
Email: james.thorne@nrg.com		WO #							
Project Name: Joliet #9 CCR		Project #: 50011504						Other	
Site: Illinois		SSOW#							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air, DW=Drinking Water)				
				Preservation Code					
1	~~R008~~ <u>T095</u>	<u>09/09/25</u>	<u>1003</u>		Water				
2	~~G205~~ <u>T065</u>	<u>09/09/25</u>	<u>1208</u>		Water				
3	~~R328~~ <u>DUP of T065</u>	<u>09/09/25</u>	<u>1208</u>		Water				
	~~G448~~				Water				
	~~G458~~				Water				
	~~G468~~				Water				
	~~G475~~				Water				
	~~G488~~				Water				
	~~T098~~				Water				
	~~G008~~				Water				
	~~DUP~~				Water				
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months				
Deliverable Requested I, II, III, IV, Other (specify)					Special Instructions/QC Requirements				
Empty Kit Relinquished by		Date		Time		Method of Shipment			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>09/09/25 1535</u>		Company: <u>US35</u>		Received by: <u>Stephane Hernandez</u>		Date/Time: <u>9/9/25 1535</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>0.6-70.4 489t</u>					

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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v i s i o n i n g

Client Information		Sampler: <u>Noe L., John H.</u>		Lab PM: Mockler Diana J		Carrier Tracking No(s)		COC No: 500 137751-50642 1															
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin		Page: Page 4 of 3															
Company: Midwest Generation EME LLC		PWSID:		Analysis Req				Job #: 500-274319															
Address: 1800 Channahon Road		Due Date Requested		500-274319 COC		Preservation Codes D HNO3 N None		Other:															
City: Joliet		TAT Requested (days)																					
State Zip: IL, 60436		Compliance Project ☐ Yes ☐ No																					
Phone:		PO #: 4502187984																					
Email: james.thorne@nrg.com		WO #																					
Project Name: Joliet #9 CCR		Project #: 50011504		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Raz26Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note:															
Site: Illinois		SSOW#																					
Sample Identification		Sample Date																					
Sample Time		Sample Type (C=comp, G=grab)																					
Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Preservation Code																					
R005		T025		09/10/25		0946		Water		D		D		D		D		N		5			
G205		T085		09/10/25		1240		Water		D		D		D		D		N		5			
R325		T035		09/10/25		1421		Water		D		D		D		D		N		5			
G445								Water															
G465								Water															
G465								Water															
G475								Water															
G485								Water															
T035								Water															
G305								Water															
DUP								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: 09/10/25		1550		Company: EETA				Received by: Stephanie Hummer				Date/Time: 9/10/25		1550		Company: EETA			
Relinquished by:				Date/Time:				Company:				Received by:				Date/Time:				Company:			
Relinquished by:				Date/Time:				Company:				Received by:				Date/Time:				Company:			
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 1.7+1.5																			

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500-274319 COC

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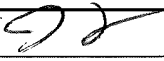
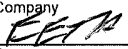
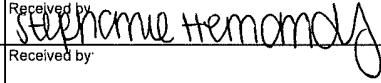
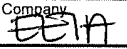
18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone 708 534-5200 Fax 708-534 5211

Chain of Custody Record

eurofins

Client Information		Sampler <u>Noe L.</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137751-50642 2							
Client Contact: James Thorne		Phone		E-Mail: Diana.Mockler@et.eurofins.com		Site		Page <u>2 of 3</u>							
Company: Midwest Generation EME LLC		PWSID		Analysis Request				Job # <u>500-274319</u>							
Address: 1800 Channahon Road		Due Date Requested				500-274319 COC		Preservation Codes D HNO3 N None							
City: Joliet		TAT Requested (days)													
State Zip: IL, 60436		Compliance Project ☐ Yes ☐ No													
Phone		PO #: 4502187984													
Email: james.thorne@nrg.com		WO #:													
Project Name: Joliet #9 CCR		Project #: 50011504													
Site: Illinois		SSOW#:													
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GFPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of Containers	Other:	Special Instructions/Note
				Preservation Code		X	X	D	D	D	D	N			
10	G31S	09/12/25	0919		Water			/	/	/	/	/		5	
11	G33S	09/12/25	1023		Water			/	/	/	/	/		5	
12	~~T018~~ T125	09/12/25	1210		Water			/	/	/	/	/		5	
13	~~T028~~ 6415	09/12/25	1321		Water			/	/	/	/	/		5	
	~~T045~~				Water										
	~~T068~~				Water										
	~~T065~~				Water										
	~~T085~~				Water										
	~~T095~~				Water										
	~~T125~~				Water										
	~~T135~~				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: 09/12/25 1540		Company: 		Received by: 		Date/Time: 9/12/25 1540		Company: 					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No				Cooler Temperature(s) °C and Other Remarks: 1.3 + 1.1									

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09/29/25 (Rev. 1)

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Lauren and I

[illegible]

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

Chain of Custody Record

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Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-1

Login Number: 274319

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4,1.5,0.7,1.1,1.2,0.6,-0.1,1.9 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T09S

Date Collected: 09/09/25 10:03

Date Received: 09/09/25 15:35

Lab Sample ID: 500-274319-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:49
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		5	833888	RN	EET CHI	09/12/25 12:22
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:04
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:09
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 11:38
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 14:57
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:30
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 10:03

Client Sample ID: T06S

Date Collected: 09/09/25 12:08

Date Received: 09/09/25 15:35

Lab Sample ID: 500-274319-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:56
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:10
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:12
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 11:18
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:04
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:52
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 12:08

Client Sample ID: T06S Dup

Date Collected: 09/09/25 12:08

Date Received: 09/09/25 15:35

Lab Sample ID: 500-274319-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			833259	BDE	EET CHI	09/10/25 08:07 - 09/10/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	833467	RN	EET CHI	09/10/25 16:58
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:12
Total/NA	Analysis	SM 2540C		1	833838	CLB	EET CHI	09/15/25 02:14
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 11:18
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:06
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:53
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/09/25 12:08

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T02S

Date Collected: 09/10/25 09:46

Date Received: 09/10/25 15:50

Lab Sample ID: 500-274319-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:07
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:13
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:37
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:09
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 09:46

Client Sample ID: T08S

Date Collected: 09/10/25 12:40

Date Received: 09/10/25 15:50

Lab Sample ID: 500-274319-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:09
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:34
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:15
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:45
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:12
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 12:40

Client Sample ID: T03S

Date Collected: 09/10/25 14:21

Date Received: 09/10/25 15:50

Lab Sample ID: 500-274319-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:19
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:17
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:50
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 12:47
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:15
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:31
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/10/25 14:21

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: T01S

Date Collected: 09/11/25 09:48

Date Received: 09/11/25 15:50

Lab Sample ID: 500-274319-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:22
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:19
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:53
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:26
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 09:48

Client Sample ID: T11S

Date Collected: 09/11/25 11:49

Date Received: 09/11/25 15:50

Lab Sample ID: 500-274319-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:29
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:21
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:55
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 12:24
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:29
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:35
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 11:49

Client Sample ID: T05S

Date Collected: 09/11/25 14:09

Date Received: 09/11/25 15:50

Lab Sample ID: 500-274319-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:31
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:37
Total/NA	Prep	7470A			833773	MJG	EET CHI	09/12/25 14:40 - 09/12/25 16:40 ¹
Total/NA	Analysis	7470A		1	833930	MJG	EET CHI	09/15/25 09:23
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 03:58
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:49
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:32
Total/NA	Analysis	SM 4500 SO4 E		20	833876	TR	EET CHI	09/14/25 13:53
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/11/25 14:09

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G31S

Date Collected: 09/12/25 09:19

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:46
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:07
Total/NA	Analysis	SM 2540C		1	834083	CLB	EET CHI	09/16/25 04:01
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:49
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:35
Total/NA	Analysis	SM 4500 SO4 E		10	833876	TR	EET CHI	09/14/25 13:34
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 09:19

Client Sample ID: G33S

Date Collected: 09/12/25 10:23

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:48
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:09
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:32
Total/NA	Analysis	SM 4500 CI- E		1	833835	TR	EET CHI	09/14/25 12:23
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:39
Total/NA	Analysis	SM 4500 SO4 E		2	833876	TR	EET CHI	09/14/25 13:34
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 10:23

Client Sample ID: T12S

Date Collected: 09/12/25 12:10

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:51
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:11
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:34
Total/NA	Analysis	SM 4500 CI- E		5	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:42
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 12:10

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G41S

Date Collected: 09/12/25 13:21

Date Received: 09/12/25 15:40

Lab Sample ID: 500-274319-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:53
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:13
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:37
Total/NA	Analysis	SM 4500 CI- E		2	833835	TR	EET CHI	09/14/25 12:48
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:45
Total/NA	Analysis	SM 4500 SO4 E		5	833876	TR	EET CHI	09/14/25 13:32
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/12/25 13:21

Client Sample ID: G42S

Date Collected: 09/15/25 09:54

Date Received: 09/15/25 16:15

Lab Sample ID: 500-274319-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:56
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:15
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:39
Total/NA	Analysis	SM 4500 CI- E		1	834161	TR	EET CHI	09/16/25 10:33
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:49
Total/NA	Analysis	SM 4500 SO4 E		2	835645	TR	EET CHI	09/25/25 12:55
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 09:54

Client Sample ID: G48S

Date Collected: 09/15/25 13:10

Date Received: 09/15/25 16:15

Lab Sample ID: 500-274319-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 14:58
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:39
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:17
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:42
Total/NA	Analysis	SM 4500 CI- E		5	834161	TR	EET CHI	09/16/25 10:50
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:52
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 13:10

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G47S

Date Collected: 09/15/25 14:41

Date Received: 09/15/25 16:15

Lab Sample ID: 500-274319-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:08
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		5	835127	RN	EET CHI	09/22/25 16:41
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 08:19
Total/NA	Analysis	SM 2540C		1	834661	CLB	EET CHI	09/19/25 03:45
Total/NA	Analysis	SM 4500 Cl- E		5	834161	TR	EET CHI	09/16/25 10:50
Total/NA	Analysis	SM 4500 F C		1	835303	AC	EET CHI	09/23/25 15:54
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/15/25 14:41

Client Sample ID: G20S

Date Collected: 09/16/25 10:35

Date Received: 09/16/25 15:44

Lab Sample ID: 500-274319-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:18
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:51
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:12
Total/NA	Analysis	SM 4500 Cl- E		1	834578	TR	EET CHI	09/18/25 10:21
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:38
Total/NA	Analysis	SM 4500 SO4 E		2	835645	TR	EET CHI	09/25/25 12:56
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 10:35

Client Sample ID: G46S

Date Collected: 09/16/25 13:30

Date Received: 09/16/25 15:44

Lab Sample ID: 500-274319-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:25
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:43
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:53
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:19
Total/NA	Analysis	SM 4500 Cl- E		2	834578	TR	EET CHI	09/18/25 10:34
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:45
Total/NA	Analysis	SM 4500 SO4 E		20	835645	TR	EET CHI	09/25/25 13:13
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 13:30

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R08S

Date Collected: 09/16/25 14:26

Date Received: 09/16/25 15:44

Lab Sample ID: 500-274319-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		1	834923	RN	EET CHI	09/19/25 15:37
Total Recoverable	Prep	3005A			834297	BDE	EET CHI	09/17/25 08:22 - 09/17/25 14:22 ¹
Total Recoverable	Analysis	6020B		10	835127	RN	EET CHI	09/22/25 16:46
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:55
Total/NA	Analysis	SM 2540C		1	834902	CLB	EET CHI	09/22/25 05:25
Total/NA	Analysis	SM 4500 CI- E		5	834578	TR	EET CHI	09/18/25 10:35
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:47
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:57
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/16/25 14:26

Client Sample ID: G30S

Date Collected: 09/18/25 10:03

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:45
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		5	835346	RN	EET CHI	09/23/25 12:26
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:57
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:37
Total/NA	Analysis	SM 4500 CI- E		5	835609	TR	EET CHI	09/25/25 10:06
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:50
Total/NA	Analysis	SM 4500 SO4 E		10	835645	TR	EET CHI	09/25/25 12:57
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 10:03

Client Sample ID: R32S

Date Collected: 09/18/25 12:09

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 18:19
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:37
Total/NA	Prep	7470A			834803	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 11:59
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:40
Total/NA	Analysis	SM 4500 CI- E		1	835609	TR	EET CHI	09/25/25 09:43
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:53

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: R32S

Date Collected: 09/18/25 12:09

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-21

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		10	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 12:09

Client Sample ID: G45S

Date Collected: 09/18/25 13:31

Date Received: 09/18/25 14:50

Lab Sample ID: 500-274319-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 18:21
Total Recoverable	Prep	3005A			834686	BDE	EET CHI	09/19/25 08:05 - 09/19/25 14:05 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:39
Total/NA	Prep	7470A			834805	MJG	EET CHI	09/19/25 13:50 - 09/19/25 15:50 ¹
Total/NA	Analysis	7470A		1	835004	MJG	EET CHI	09/22/25 12:00
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:42
Total/NA	Analysis	SM 4500 CI- E		5	835609	TR	EET CHI	09/25/25 10:06
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 10:56
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/18/25 13:31

Client Sample ID: T13S

Date Collected: 09/19/25 09:19

Date Received: 09/19/25 13:20

Lab Sample ID: 500-274319-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:08
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:42
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:45
Total/NA	Analysis	SM 4500 CI- E		1	835609	TR	EET CHI	09/25/25 09:44
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:07
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 12:58
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 09:19

Client Sample ID: G44S

Date Collected: 09/19/25 10:34

Date Received: 09/19/25 13:20

Lab Sample ID: 500-274319-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:24
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:48

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:44
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:47
Total/NA	Analysis	SM 4500 Cl- E		2	835609	TR	EET CHI	09/25/25 10:07
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 13:00
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 10:34

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835127	RN	EET CHI	09/22/25 17:27
Total Recoverable	Prep	3005A			834916	BDE	EET CHI	09/22/25 08:09 - 09/22/25 14:09 ¹
Total Recoverable	Analysis	6020B		1	835346	RN	EET CHI	09/23/25 12:41
Total/NA	Prep	7470A			834985	MJG	EET CHI	09/22/25 11:40 - 09/22/25 13:40 ¹
Total/NA	Analysis	7470A		1	835175	MJG	EET CHI	09/23/25 08:45
Total/NA	Analysis	SM 2540C		1	835076	CLB	EET CHI	09/23/25 04:50
Total/NA	Analysis	SM 4500 Cl- E		1	835609	TR	EET CHI	09/25/25 09:44
Total/NA	Analysis	SM 4500 F C		1	835658	AC	EET CHI	09/25/25 11:16
Total/NA	Analysis	SM 4500 SO4 E		5	835645	TR	EET CHI	09/25/25 13:13
Total/NA	Analysis	Field Sampling		1	833899	JVB	EET CHI	09/19/25 12:13

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: Joliet #9 CCR 3Q25

Job ID: 500-274319-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

1
2
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14



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-1

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 09/09/25 Start Purge: 0945 End Purge: 1003
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.35 7.35 7.35 (std.)
Ref. Measuring Pt. TIC SC 1366 1364 1364 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 13.63 13.62 13.62 (°C)
Water Level 105.55 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.94 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, slight turbidity, Colorless, Clear, No Odor
Weather Conditions: 64°F, Sunny, 5 winds e 0-5 mph
Turbidity: 24.40 NTU

Other: *Reference Measurement

Depth To Water from L.S. = 105.55 - 2.40 = 103.15 (ft.)

Levels were taken on 09/09/25 @ 0930

* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319.2

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 09/09/25 Start Purge: 1153 End Purge: 1208
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.45 7.43 7.43 (std.)
Ref. Measuring Pt. TIC SC 732 756 756 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 25.39 25.36 25.36 (°C)
Water Level 118.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.47 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 72°F, Mostly Sunny, S winds 0-5 mph
Turbidity: 5.25 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 118.58 - 2.30 = 116.28 (ft.)
Levels were taken on 09/09/25 @ 1138
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T06S Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-3

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: _____ Start Purge: _____ End Purge: _____
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____
Weather Conditions: _____
Turbidity: NTU
Other: *Reference Measurement
Depth To Water from L.S. = _____
Levels were taken on _____ @ _____
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-4

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: 09/10/25 Start Purge: 0927 End Purge: 0946
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.33 (ft) pH 7.27 7.27 7.27 (std.)
Ref. Measuring Pt. TIC SC 1404 1402 1402 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 15.61 15.62 15.62 (°C)
Water Level 136.66 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 489.48 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No odor
Weather Conditions: 68°F, Sunny, SE winds @ 0-5 mph
Turbidity: 99.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 136.66 - 2.33 = 134.33 (ft.)
Levels were taken on 09/10/25 @ 0912
* Total Depth = 172.75

(Updated: 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-5

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 09/10/25 Start Purge: 1218 End Purge: 1240
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 9.15 9.16 9.16 (std.)
Ref. Measuring Pt. TIC SC 1463 1466 1466 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 24.06 23.97 23.97 (°C)
Water Level 131.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 495.64 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 79°F, Sunny, SW winds 0-5 mph
Turbidity: 5.56 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 131.79 - 2.38 = 129.41 (ft.)
Levels were taken on 09/10/25 @ 1203
* Total Deth = 180.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T03S

Facility: Midwest Generation-Joliet #9 CCR

Job #: 500-274319-6

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/10/25 Start Purge: 1403 End Purge: 1421
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.13 7.13 7.13 (std.)
Ref. Measuring Pt. TIC SC 1087 1100 1100 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 13.50 13.49 13.49 (°C)
Water Level 140.26 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 489.47 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 81°F, Sunny, SW windse 0-5 mph
Turbidity: 0.46 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 140.26 - 3.08 = 137.18 ft.
Levels were taken on 09/10/25 @ 1358.
* Total Depth = 172.95

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-7

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 09/11/25 Start Purge: 0932 End Purge: 0948
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.21

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.92 7.93 7.93 (std.)
Ref. Measuring Pt. TIC SC 1482 1483 1483 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 16.80 16.83 16.83 (°C)
Water Level 128.18 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 493.65 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, High Turbidity, Slight Odor
Weather Conditions: 74°F, Mostly Cloudy, NE winds 0-5 mph
Turbidity: 761.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 128.18 - 2.48 = 125.70 (ft)
Levels were taken on 09/11/25 @ 0917.
* Total Depth = 170.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-8

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 09/11/25 Start Purge: 1129 End Purge: 1149
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.33 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 867 869 869 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 27.23 27.15 27.15 (°C)
Water Level 75.73 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 483.67 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: A 76°F, Sunny, E winds e 0-5 mph
Weather Conditions: Gray, Slight Turbidity, No Odor
Turbidity 55.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 75.73 - 2.74 = 72.99 (ft.)
Levels were taken on 09/11/25 @ 1114
* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-9

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 09/11/25 Start Purge: 1352 End Purge: 1409
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 10.49 10.50 10.50 (std.)
Ref. Measuring Pt. TIC SC 2345 2346 2346 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 18.78 18.68 18.68 (°C)
Water Level 126.32 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.09 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 82°F, Sunny, E winds e 0-5 mph
Turbidity: 1.17 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.32 - 2.40 = 123.92 (ft.)
Levels were taken on 09/11/25 @ 1337.
* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-10

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/12/25 Start Purge: 0906 End Purge: 0919
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.59

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.17 7.18 7.18 (std.)
Ref. Measuring Pt. TIC SC 1692 1683 1683 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 15.26 15.24 15.24 (°C)
Water Level 29.90 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.77 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 67°F, Mostly Sunny, SE winds 0-5 mph
Turbidity: 0.66 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 29.90 - 2.58 = 27.32 (ft.)
Levels were taken on 09/12/25 @ 0901

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-11

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/12/25 Start Purge: 1002 End Purge: 1023
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.54

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.33 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 792 782 782 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 17.09 17.12 17.12 (°C)
Water Level 36.59 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 499.08 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 73°F, Partly Sunny, SE winds 0-5 mph
Turbidity: 15.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 36.59 - 1.73 = 34.86 (ft)
Levels were taken on 09/12/25 @ 0957

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274379-12

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/12/25 Start Purge: 1158 End Purge: 1210
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.55 7.56 7.56 (std.)
Ref. Measuring Pt. TIC SC 1320 1323 1323 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 14.92 14.84 14.84 (°C)
Water Level 75.63 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 503.10 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 82°F, Mostly Sunny, SE winds 0-5 mph
Turbidity: 11.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 75.63 - 2.74 = 72.89 (ft.)
Levels were taken on 09/12/25 @ 1153
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noc Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G41S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-13

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/12/25 Start Purge: 1302 End Purge: 1321
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.37

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.29 (ft) pH 7.20 7.19 7.19 (std.)
Ref. Measuring Pt. TIC SC 1,036 1,038 1,038 (umhos/cm)
Well Elevation *535.78 (ft./msl) Temp. 25.51 25.59 25.59 (°C)
Water Level 29.49 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.29 (ft./msl)
Well Bottom Elevation *453.96 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 82°F, Mostly Sunny, SE winds 0-5 mph
Turbidity: 1.52 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 29.49 - 2.29 = 27.20 (ft.)
Levels were taken on 09/12/25 @ 1257.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G42S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-14

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) _____
Sampling _____ Bladder Pump _____ Dedicated (Y/N) _____

PURGING INFORMATION

Purge Date: 09/15/25 Start Purge: 0940 End Purge: 0954
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.18

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.99 (ft) pH 7.18 7.17 7.17 (std.)
Ref. Measuring Pt. TIC SC 831 830 830 (umhos/cm)
Well Elevation *528.59 (ft./msl) Temp. 17.56 17.54 17.54 (°C)
Water Level 14.98 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 513.61 (ft./msl)
Well Bottom Elevation *451.26 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 76°F, Sunny, E winds 0-5 mph
Turbidity: 4.89 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 14.98 - 1.99 = 12.99 (ft.)
Levels were taken on 09/15/25 @ 0935

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-15

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/15/25 Start Purge: 1252 End Purge: 1310
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 8.57 8.59 8.59 (std.)
Ref. Measuring Pt. TIC SC 1491 1494 1494 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 19.89 19.81 19.81 (°C)
Water Level 106.05 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 514.168 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 85°F, Sunny, E winds 0-5 mph
Turbidity: 1.48 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 106.05 - 2.45 = 103.60 (ft)
Levels were taken on 09/15/25 @ 1247.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-110

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/15/25 Start Purge: 1423 End Purge: 1441
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 9.08 9.09 9.09 (std.)
Ref. Measuring Pt. TIC SC 1525 1525 1525 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 18.78 18.69 18.69 (°C)
Water Level 95.04 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 517.12 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 85°F, Sunny, E wind se 0-5 mph
Turbidity: 0.36 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 95.04 - 2.50 = 92.54 (ft.)
Levels were taken on 09/15/25 @ 1418.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-19

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/16/25 Start Purge: 1411 End Purge: 1426
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 7.70 7.70 7.70 (std.)
Ref. Measuring Pt. TIC SC 1123 1121 1121 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 15.33 15.39 15.39 (°C)
Water Level 71.51 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 507.13 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor ^{ML} Moderate Odor
Weather Conditions: 85°F, Sunny, NE winds 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 71.51 - 2.55 = 68.96 (ft.)
Levels were taken on 09/16/25 @ 1406

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite #
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-17

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/16/25 Start Purge: 1017 End Purge: 1035
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.45 7.43 7.43 (std.)
Ref. Measuring Pt. TIC SC 688 688 688 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 23.10 23.10 23.10 (°C)
Water Level 62.60 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 518.19 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 77°F, Sunny, SE winds e 0-5 mph
Turbidity: 0.41 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 62.60 - 2.78 = 59.82 (ft)
Levels were taken on 09/16/25 @ 1007.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-18

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/16/25 Start Purge: 1316 End Purge: 1330
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 8.02 8.04 8.04 (std.)
Ref. Measuring Pt. TIC SC 1458 1465 1465 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 15.69 15.60 15.60 (°C)
Water Level 103.20 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.12 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 86°F, Sunny, NE winds 0-5 mph
Turbidity: 27.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 103.20 - 2.70 = 100.50 (ft.)
Levels were taken on 09/16/25 @ 1306.

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-20

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/18/25 Start Purge: 0945 End Purge: 1003
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.93 7.93 7.93 (std.)
Ref. Measuring Pt. TIC SC 1988 1987 1987 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 15.60 15.59 15.59 (°C)
Water Level 1.94 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.84 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 80°F, Sunny, SE winds 0-5 mph
Turbidity: 0.89 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 1.94 - 2.31 = -0.37 (ft.)
Levels were taken on 09/18/25 @ 0935

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-21

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/18/25 Start Purge: 1150 End Purge: 1209
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.34 7.35 7.35 (std.)
Ref. Measuring Pt. TIC SC 987 986 986 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 13.33 13.35 13.35 (°C)
Water Level 23.40 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 513.64 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 83°F, Sunny, SW winds e 0-5 mph
Turbidity: 1.31 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 23.40 - 2.03 = 21.37 (ft.)
Levels were taken on 09/18/25 @ 1145

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-22

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/18/25 Start Purge: 1315 End Purge: 1331
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.33 7.34 7.34 (std.)
Ref. Measuring Pt. TIC SC 1057 1056 1056 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 15.80 15.87 15.87 (°C)
Water Level 65.14 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 538.67 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 88°F, Sunny, SW winds e 0-5 mph
Turbidity: 0.61 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 65.14 - 2.97 = 62.17 (ft.)
Levels were taken on 09/18/25 @ 1310

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-23

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/19/25 Start Purge: 0907 End Purge: 0919
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.30 7.30 7.30 (std.)
Ref. Measuring Pt. TIC SC 1006 1001 1001 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 16.06 16.00 16.00 (°C)
Water Level 20.86 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.47 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 75°F, Sunny, SE winds 0-5 mph
Turbidity: 1.68 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.86 - 2.76 = 18.10 (ft.)
Levels were taken on 09/19/25 @ 0902.
* Total Depth: 73.12 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-24

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 09/19/25 Start Purge: 1015 End Purge: 1034
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.01 7.01 7.01 (std.)
Ref. Measuring Pt. TIC SC 1184 1185 1185 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 15.04 15.03 15.03 (°C)
Water Level 84.06 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.56 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 79°F, Mostly Sunny, SE winds 0-5 mph
Turbidity: 1.79 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 84.06 - 2.18 = 81.88 (ft.)
Levels were taken on 09/19/25 @ 1010

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-274319-25

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 09/19/25 Start Purge: 1155 End Purge: 1213
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.32 7.33 7.33 (std.)
Ref. Measuring Pt. TIC SC 780 774 774 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 14.59 14.53 14.53 (°C)
Water Level 97.50 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.24 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Colorless, Slight Turbidity, No Odor
Weather Conditions: 86°F, ^{KL} Cloudy, S winds E 5-10 mph
Turdity 57.50 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 97.50 - 2.08 = 95.42 (ft.)
Levels were taken on 09/19/25 @ 1150

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/17/25 16:38:58

JOB DESCRIPTION

Joliet #9 CCR 3Q25

JOB NUMBER

500-274319-2

Eurofins Chicago

Job Notes

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

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

Authorization



Generated
10/17/25 16:38:58

Authorized for release by
Dirk Nelson, Project Management Assistant II
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(708)534-5200

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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Job ID: 500-274319-2

Eurofins Chicago

Job Narrative 500-274319-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 3:35 PM, 9/10/2025 3:50 PM, 9/11/2025 3:50 PM, 9/12/2025 3:40 PM, 9/15/2025 4:15 PM, 9/16/2025 3:44 PM, 9/18/2025 2:50 PM and 9/19/2025 1:20 PM. 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 -0.1°C, 0.4°C, 0.6°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C and 1.9°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 prep batch 160-736042:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: T02S (500-274319-4) . Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 prep batch 160-736236:

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: T01S (500-274319-7) . Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 Batch 160-737255:

The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 133%: (LCS 160-737255/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

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

Rad

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-274319-1	T09S	Water	09/09/25 10:03	09/09/25 15:35	Illinois
500-274319-2	T06S	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-3	T06S Dup	Water	09/09/25 12:08	09/09/25 15:35	Illinois
500-274319-4	T02S	Water	09/10/25 09:46	09/10/25 15:50	Illinois
500-274319-5	T08S	Water	09/10/25 12:40	09/10/25 15:50	Illinois
500-274319-6	T03S	Water	09/10/25 14:21	09/10/25 15:50	Illinois
500-274319-7	T01S	Water	09/11/25 09:48	09/11/25 15:50	Illinois
500-274319-8	T11S	Water	09/11/25 11:49	09/11/25 15:50	Illinois
500-274319-9	T05S	Water	09/11/25 14:09	09/11/25 15:50	Illinois
500-274319-10	G31S	Water	09/12/25 09:19	09/12/25 15:40	Illinois
500-274319-11	G33S	Water	09/12/25 10:23	09/12/25 15:40	Illinois
500-274319-12	T12S	Water	09/12/25 12:10	09/12/25 15:40	Illinois
500-274319-13	G41S	Water	09/12/25 13:21	09/12/25 15:40	Illinois
500-274319-14	G42S	Water	09/15/25 09:54	09/15/25 16:15	Illinois
500-274319-15	G48S	Water	09/15/25 13:10	09/15/25 16:15	Illinois
500-274319-16	G47S	Water	09/15/25 14:41	09/15/25 16:15	Illinois
500-274319-17	G20S	Water	09/16/25 10:35	09/16/25 15:44	Illinois
500-274319-18	G46S	Water	09/16/25 13:30	09/16/25 15:44	Illinois
500-274319-19	R08S	Water	09/16/25 14:26	09/16/25 15:44	Illinois
500-274319-20	G30S	Water	09/18/25 10:03	09/18/25 14:50	Illinois
500-274319-21	R32S	Water	09/18/25 12:09	09/18/25 14:50	Illinois
500-274319-22	G45S	Water	09/18/25 13:31	09/18/25 14:50	Illinois
500-274319-23	T13S	Water	09/19/25 09:19	09/19/25 13:20	Illinois
500-274319-24	G44S	Water	09/19/25 10:34	09/19/25 13:20	Illinois
500-274319-25	G39S	Water	09/19/25 12:13	09/19/25 13:20	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.17		0.327	0.343	1.00	0.288	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/12/25 06:41	10/06/25 08:12	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	1.25		0.484	0.497	1.00	0.633	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	84.5		30 - 110					09/12/25 06:48	10/05/25 11:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.41		0.584	0.604	5.00	0.633	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.53		0.390	0.414	1.00	0.293	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.5		30 - 110					09/12/25 06:41	10/06/25 08:12	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	1.56		0.587	0.605	1.00	0.737	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.5		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	79.3		30 - 110					09/12/25 06:48	10/05/25 11:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.08		0.705	0.733	5.00	0.737	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.42		0.477	0.524	1.00	0.319	pCi/L	09/12/25 06:41	10/06/25 08:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					09/12/25 06:41	10/06/25 08:12	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	1.68		0.650	0.668	1.00	0.861	pCi/L	09/12/25 06:48	10/05/25 11:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					09/12/25 06:48	10/05/25 11:04	1
Y Carrier	80.0		30 - 110					09/12/25 06:48	10/05/25 11:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.10		0.806	0.849	5.00	0.861	pCi/L		10/06/25 15:20	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.15		0.797	0.820	1.00	0.868	pCi/L	09/15/25 08:04	10/07/25 21:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.7		30 - 110					09/15/25 08:04	10/07/25 21:47	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	3.84	G	1.27	1.32	1.00	1.55	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.7		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	82.2		30 - 110					09/15/25 08:12	10/07/25 09:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	5.99		1.50	1.55	5.00	1.55	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.643		0.303	0.308	1.00	0.341	pCi/L	09/15/25 08:04	10/07/25 21:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.3		30 - 110					09/15/25 08:04	10/07/25 21:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.56		0.668	0.683	1.00	0.913	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.3		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	73.3		30 - 110					09/15/25 08:12	10/07/25 09:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.20		0.734	0.749	5.00	0.913	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.463		0.317	0.320	1.00	0.449	pCi/L	09/15/25 08:04	10/07/25 21:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					09/15/25 08:04	10/07/25 21:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.06		0.703	0.757	1.00	0.703	pCi/L	09/15/25 08:12	10/07/25 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					09/15/25 08:12	10/07/25 09:37	1
Y Carrier	83.4		30 - 110					09/15/25 08:12	10/07/25 09:37	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.52		0.771	0.822	5.00	0.703	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.39		0.831	0.859	1.00	0.756	pCi/L	09/16/25 07:53	10/08/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	57.1		30 - 110					09/16/25 07:53	10/08/25 20:49	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.39	G	1.39	1.43	1.00	1.83	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	57.1		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	76.6		30 - 110					09/16/25 08:00	10/08/25 11:51	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	5.78		1.62	1.67	5.00	1.83	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.519		0.276	0.280	1.00	0.356	pCi/L	09/16/25 07:53	10/08/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/16/25 07:53	10/08/25 20:49	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.600		0.365	0.369	1.00	0.526	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	81.9		30 - 110					09/16/25 08:00	10/08/25 11:51	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	1.12		0.458	0.463	5.00	0.526	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.423	U	0.219	0.219	1.00	0.423	pCi/L	09/16/25 07:53	10/08/25 23:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					09/16/25 07:53	10/08/25 23:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.865	U	0.538	0.540	1.00	0.865	pCi/L	09/16/25 08:00	10/08/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					09/16/25 08:00	10/08/25 11:51	1
Y Carrier	75.5		30 - 110					09/16/25 08:00	10/08/25 11:51	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	<0.865	U	0.581	0.583	5.00	0.865	pCi/L		10/09/25 09:47	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.40		0.409	0.428	1.00	0.418	pCi/L	09/17/25 08:17	10/10/25 20:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					09/17/25 08:17	10/10/25 20:44	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	1.50		0.458	0.478	1.00	0.532	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	85.2		30 - 110					09/17/25 08:22	10/10/25 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.90		0.614	0.642	5.00	0.532	pCi/L		10/17/25 14:44	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.393		0.248	0.250	1.00	0.331	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					09/17/25 08:17	10/10/25 20:45	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	0.879		0.433	0.440	1.00	0.597	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	83.4		30 - 110					09/17/25 08:22	10/10/25 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.27		0.499	0.506	5.00	0.597	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.976		0.329	0.340	1.00	0.332	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					09/17/25 08:17	10/10/25 20:45	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	1.19		0.419	0.433	1.00	0.519	pCi/L	09/17/25 08:22	10/10/25 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					09/17/25 08:22	10/10/25 12:07	1
Y Carrier	87.1		30 - 110					09/17/25 08:22	10/10/25 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.17		0.533	0.551	5.00	0.519	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.85		0.437	0.468	1.00	0.348	pCi/L	09/17/25 08:17	10/10/25 20:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/17/25 08:17	10/10/25 20:45	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	1.36		0.456	0.473	1.00	0.554	pCi/L	09/17/25 08:22	10/10/25 12:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					09/17/25 08:22	10/10/25 12:08	1
Y Carrier	86.4		30 - 110					09/17/25 08:22	10/10/25 12:08	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	3.21		0.632	0.665	5.00	0.554	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.38		0.310	0.334	1.00	0.261	pCi/L	09/18/25 07:57	10/10/25 07:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					09/18/25 07:57	10/10/25 07:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.619	U	0.366	0.367	1.00	0.619	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	79.6		30 - 110					10/10/25 07:58	10/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.63		0.480	0.496	5.00	0.619	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.805		0.288	0.297	1.00	0.290	pCi/L	09/18/25 07:57	10/10/25 07:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	58.4		30 - 110					09/18/25 07:57	10/10/25 07:57	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	<0.650	U	0.422	0.425	1.00	0.650	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	81.9		30 - 110					10/10/25 07:58	10/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.36		0.511	0.518	5.00	0.650	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.462		0.219	0.222	1.00	0.259	pCi/L	09/18/25 07:57	10/10/25 07:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.5		30 - 110					09/18/25 07:57	10/10/25 07:57	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	0.563		0.360	0.364	1.00	0.524	pCi/L	10/10/25 07:58	10/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.3		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	83.4		30 - 110					10/10/25 07:58	10/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.03		0.421	0.426	5.00	0.524	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

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	1.18		0.362	0.378	1.00	0.335	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					09/19/25 07:53	10/13/25 19:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.20		0.616	0.626	1.00	0.859	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	80.7		30 - 110					09/19/25 08:00	10/13/25 15:52	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	2.37		0.714	0.731	5.00	0.859	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

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	1.30		0.370	0.388	1.00	0.330	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					09/19/25 07:53	10/13/25 19:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.23		0.723	0.751	1.00	0.858	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	79.6		30 - 110					09/19/25 08:00	10/13/25 15:52	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	3.53		0.812	0.845	5.00	0.858	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

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	0.834		0.310	0.319	1.00	0.303	pCi/L	09/19/25 07:53	10/13/25 19:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					09/19/25 07:53	10/13/25 19:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.66		0.704	0.720	1.00	0.931	pCi/L	09/19/25 08:00	10/13/25 15:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					09/19/25 08:00	10/13/25 15:52	1
Y Carrier	80.0		30 - 110					09/19/25 08:00	10/13/25 15:52	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	2.49		0.769	0.788	5.00	0.931	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.640		0.333	0.338	1.00	0.425	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					09/23/25 07:59	10/15/25 17:14	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	2.53		0.669	0.709	1.00	0.758	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	80.4		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.17		0.747	0.785	5.00	0.758	pCi/L		10/17/25 15:41	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.08		0.366	0.379	1.00	0.380	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.55		0.488	0.508	1.00	0.576	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	83.4		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.62		0.610	0.634	5.00	0.576	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.13		0.353	0.367	1.00	0.327	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.52		0.514	0.532	1.00	0.636	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	78.9		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.64		0.624	0.646	5.00	0.636	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.350	U	0.224	0.225	1.00	0.350	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.18		0.454	0.467	1.00	0.574	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	82.6		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.41		0.506	0.518	5.00	0.574	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.590		0.282	0.287	1.00	0.340	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					09/23/25 07:59	10/15/25 17:14	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	1.33		0.461	0.477	1.00	0.564	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	81.1		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.92		0.540	0.557	5.00	0.564	pCi/L		10/17/25 15:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G39S

Lab Sample ID: 500-274319-25

Date Collected: 09/19/25 12:13

Matrix: Water

Date Received: 09/19/25 13:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.302	U	0.191	0.191	1.00	0.302	pCi/L	09/23/25 07:59	10/15/25 17:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/23/25 07:59	10/15/25 17:14	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	0.885		0.438	0.446	1.00	0.608	pCi/L	09/23/25 08:05	10/15/25 10:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					09/23/25 08:05	10/15/25 10:04	1
Y Carrier	78.9		30 - 110					09/23/25 08:05	10/15/25 10:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.06		0.478	0.485	5.00	0.608	pCi/L		10/17/25 15:42	1

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Qualifiers

Rad

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

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Rad

Prep Batch: 735742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	PrecSep-21	
500-274319-2	T06S	Total/NA	Water	PrecSep-21	
500-274319-3	T06S Dup	Total/NA	Water	PrecSep-21	
MB 160-735742/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-735742/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 735743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-1	T09S	Total/NA	Water	PrecSep_0	
500-274319-2	T06S	Total/NA	Water	PrecSep_0	
500-274319-3	T06S Dup	Total/NA	Water	PrecSep_0	
MB 160-735743/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-735743/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	PrecSep-21	
500-274319-5	T08S	Total/NA	Water	PrecSep-21	
500-274319-6	T03S	Total/NA	Water	PrecSep-21	
MB 160-736041/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736041/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-4	T02S	Total/NA	Water	PrecSep_0	
500-274319-5	T08S	Total/NA	Water	PrecSep_0	
500-274319-6	T03S	Total/NA	Water	PrecSep_0	
MB 160-736042/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736042/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	PrecSep-21	
500-274319-8	T11S	Total/NA	Water	PrecSep-21	
500-274319-9	T05S	Total/NA	Water	PrecSep-21	
MB 160-736235/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736235/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-7	T01S	Total/NA	Water	PrecSep_0	
500-274319-8	T11S	Total/NA	Water	PrecSep_0	
500-274319-9	T05S	Total/NA	Water	PrecSep_0	
MB 160-736236/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736236/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	PrecSep-21	
500-274319-11	G33S	Total/NA	Water	PrecSep-21	
500-274319-12	T12S	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Rad (Continued)

Prep Batch: 736377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-13	G41S	Total/NA	Water	PrecSep-21	
MB 160-736377/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736377/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-10	G31S	Total/NA	Water	PrecSep_0	
500-274319-11	G33S	Total/NA	Water	PrecSep_0	
500-274319-12	T12S	Total/NA	Water	PrecSep_0	
500-274319-13	G41S	Total/NA	Water	PrecSep_0	
MB 160-736378/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736378/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	PrecSep-21	
500-274319-15	G48S	Total/NA	Water	PrecSep-21	
500-274319-16	G47S	Total/NA	Water	PrecSep-21	
MB 160-736495/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736495/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	PrecSep-21	
500-274319-18	G46S	Total/NA	Water	PrecSep-21	
500-274319-19	R08S	Total/NA	Water	PrecSep-21	
MB 160-736722/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-736722/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 736723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-17	G20S	Total/NA	Water	PrecSep_0	
500-274319-18	G46S	Total/NA	Water	PrecSep_0	
500-274319-19	R08S	Total/NA	Water	PrecSep_0	
MB 160-736723/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736723/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 737254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	PrecSep-21	
500-274319-21	R32S	Total/NA	Water	PrecSep-21	
500-274319-22	G45S	Total/NA	Water	PrecSep-21	
500-274319-23	T13S	Total/NA	Water	PrecSep-21	
500-274319-24	G44S	Total/NA	Water	PrecSep-21	
500-274319-25	G39S	Total/NA	Water	PrecSep-21	
MB 160-737254/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-737254/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 737255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-20	G30S	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Rad (Continued)

Prep Batch: 737255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-21	R32S	Total/NA	Water	PrecSep_0	
500-274319-22	G45S	Total/NA	Water	PrecSep_0	
500-274319-23	T13S	Total/NA	Water	PrecSep_0	
500-274319-24	G44S	Total/NA	Water	PrecSep_0	
500-274319-25	G39S	Total/NA	Water	PrecSep_0	
MB 160-737255/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-737255/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 740090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-274319-14	G42S	Total/NA	Water	PrecSep_0	
500-274319-15	G48S	Total/NA	Water	PrecSep_0	
500-274319-16	G47S	Total/NA	Water	PrecSep_0	
MB 160-740090/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-740090/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-274319-16 DU	G47S	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-735742/1-A

Matrix: Water

Analysis Batch: 739345

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 735742

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.267	U	0.165	0.166	1.00	0.267	pCi/L	09/12/25 06:41	10/06/25 08:11	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					09/12/25 06:41	10/06/25 08:11	1

Lab Sample ID: LCS 160-735742/2-A

Matrix: Water

Analysis Batch: 739345

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735742

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.795		1.12	1.00	0.282	pCi/L	92	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	92.9		30 - 110							

Lab Sample ID: MB 160-736041/1-A

Matrix: Water

Analysis Batch: 739535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736041

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.296	U	0.206	0.208	1.00	0.296	pCi/L	09/15/25 08:04	10/07/25 21:46	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					09/15/25 08:04	10/07/25 21:46	1

Lab Sample ID: LCS 160-736041/2-A

Matrix: Water

Analysis Batch: 739535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736041

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.315		1.22	1.00	0.292	pCi/L	97	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	88.5		30 - 110							

Lab Sample ID: MB 160-736235/1-A

Matrix: Water

Analysis Batch: 739713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736235

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.332	U	0.178	0.178	1.00	0.332	pCi/L	09/16/25 07:53	10/08/25 20:48	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: MB 160-736235/1-A

Matrix: Water

Analysis Batch: 739713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736235

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110	09/16/25 07:53	10/08/25 20:48	1

Lab Sample ID: LCS 160-736235/2-A

Matrix: Water

Analysis Batch: 739713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736235

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.789		1.19	1.00	0.375	pCi/L	92	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	92.2		30 - 110						

Lab Sample ID: MB 160-736377/1-A

Matrix: Water

Analysis Batch: 740104

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736377

			Count	Total						
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.327	U	0.181	0.181	1.00	0.327	pCi/L	09/17/25 08:17	10/10/25 20:46	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					09/17/25 08:17	10/10/25 20:46	1

Lab Sample ID: LCS 160-736377/2-A

Matrix: Water

Analysis Batch: 740104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736377

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.605		1.17	1.00	0.326	pCi/L	90	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	88.0		30 - 110						

Lab Sample ID: MB 160-736495/1-A

Matrix: Water

Analysis Batch: 740104

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736495

			Count	Total						
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.321	U	0.184	0.184	1.00	0.321	pCi/L	09/18/25 07:57	10/10/25 07:56	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	57.9		30 - 110					09/18/25 07:57	10/10/25 07:56	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736495/2-A

Matrix: Water

Analysis Batch: 740104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736495

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	8.017		1.04	1.00	0.292	pCi/L	84	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	73.1		30 - 110							

Lab Sample ID: MB 160-736722/1-A

Matrix: Water

Analysis Batch: 740415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736722

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.369	U	0.185	0.185	1.00	0.369	pCi/L	09/19/25 07:53	10/13/25 19:33	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	88.6		30 - 110							
								Prepared	Analyzed	Dil Fac
								09/19/25 07:53	10/13/25 19:33	1

Lab Sample ID: LCS 160-736722/2-A

Matrix: Water

Analysis Batch: 740415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736722

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	7.955		1.14	1.00	0.427	pCi/L	83	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	84.0		30 - 110							

Lab Sample ID: MB 160-737254/1-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 737254

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.361	U	0.192	0.192	1.00	0.361	pCi/L	09/23/25 07:59	10/15/25 17:13	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
								Prepared	Analyzed	Dil Fac
								09/23/25 07:59	10/15/25 17:13	1

Lab Sample ID: LCS 160-737254/2-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 737254

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.847		1.29	1.00	0.349	pCi/L	103	75 - 125

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-737254/2-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 737254

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

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-735743/1-A

Matrix: Water

Analysis Batch: 739146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 735743

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7111		0.398	0.403	1.00	0.569	pCi/L	09/12/25 06:48	10/05/25 11:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					09/12/25 06:48	10/05/25 11:03	1
Y Carrier	83.7		30 - 110					09/12/25 06:48	10/05/25 11:03	1

Lab Sample ID: LCS 160-735743/2-A

Matrix: Water

Analysis Batch: 739146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735743

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.01	9.246		1.28	1.00	0.551	pCi/L	103	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	92.9		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: MB 160-736042/1-A

Matrix: Water

Analysis Batch: 739535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736042

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.951	U	0.445	0.446	1.00	0.951	pCi/L	09/15/25 08:12	10/07/25 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					09/15/25 08:12	10/07/25 14:07	1
Y Carrier	82.6		30 - 110					09/15/25 08:12	10/07/25 14:07	1

Lab Sample ID: LCS 160-736042/2-A

Matrix: Water

Analysis Batch: 739535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736042

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.00	9.568		1.30	1.00	0.545	pCi/L	106	75 - 125

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736042/2-A

Matrix: Water

Analysis Batch: 739535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736042

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	88.5		30 - 110
Y Carrier	82.6		30 - 110

Lab Sample ID: MB 160-736236/1-A

Matrix: Water

Analysis Batch: 739713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736236

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.543	U	0.303	0.303	1.00	0.543	pCi/L	09/16/25 07:59	10/08/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					09/16/25 07:59	10/08/25 11:56	1
Y Carrier	82.2		30 - 110					09/16/25 07:59	10/08/25 11:56	1

Lab Sample ID: LCS 160-736236/2-A

Matrix: Water

Analysis Batch: 739713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736236

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.00	9.347		1.29	1.00	0.502	pCi/L	104	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	92.2		30 - 110						
Y Carrier	78.5		30 - 110						

Lab Sample ID: MB 160-736378/1-A

Matrix: Water

Analysis Batch: 740102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736378

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.9639		0.451	0.459	1.00	0.620	pCi/L	09/17/25 08:22	10/10/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					09/17/25 08:22	10/10/25 12:00	1
Y Carrier	80.4		30 - 110					09/17/25 08:22	10/10/25 12:00	1

Lab Sample ID: LCS 160-736378/2-A

Matrix: Water

Analysis Batch: 740102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736378

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.99	11.28		1.47	1.00	0.617	pCi/L	125	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-736378/2-A

Matrix: Water

Analysis Batch: 740102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736378

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	88.0		30 - 110
Y Carrier	86.0		30 - 110

Lab Sample ID: MB 160-736723/1-A

Matrix: Water

Analysis Batch: 740415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736723

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.965	U	0.590	0.593	1.00	0.965	pCi/L	09/19/25 08:00	10/13/25 15:51	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	88.6		30 - 110							
Y Carrier	80.4		30 - 110							

Lab Sample ID: LCS 160-736723/2-A

Matrix: Water

Analysis Batch: 740416

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736723

				Total									
Analyte			Spike	LCS	LCS	Uncert.	RL	MDC	Unit	%Rec	%Rec Limits		
			Added	Result	Qual	(2σ+/-)							
Radium-228			8.98	8.381		1.21	1.00	0.598	pCi/L	93	75 - 125		
		LCS	LCS										
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	84.0		30 - 110										
Y Carrier	83.0		30 - 110										

Lab Sample ID: MB 160-737255/1-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 737255

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.584	U	0.368	0.370	1.00	0.584	pCi/L	09/23/25 08:05	10/15/25 10:03	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	82.6		30 - 110							

Lab Sample ID: LCS 160-737255/2-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 737255

Analyte	Spike Added	LCS LCS		Total	RL	MDC	Unit	%Rec	%Rec Limits		
		Result	Qual	Uncert. (2σ+/-)							
Radium-228	8.01	10.63		1.40	1.00	0.492	pCi/L	133	75 - 125		

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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

Lab Sample ID: LCS 160-737255/2-A

Matrix: Water

Analysis Batch: 740745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 737255

LCS		LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	90.4		30 - 110
Y Carrier	83.7		30 - 110

Lab Sample ID: MB 160-740090/1-A

Matrix: Water

Analysis Batch: 741119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 740090

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert.	Uncert.						
Radium-228	0.6081		0.394	0.398	1.00	0.586	pCi/L	10/10/25 07:58	10/17/25 12:04	1
MB		MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110					10/10/25 07:58	10/17/25 12:04	1
Y Carrier	81.1		30 - 110					10/10/25 07:58	10/17/25 12:04	1

Lab Sample ID: LCS 160-740090/2-A

Matrix: Water

Analysis Batch: 741119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 740090

Analyte	Spike Added	LCS		Total	RL	MDC	Unit	%Rec	%Rec Limits		
		Result	Qual	Uncert.							
Radium-228	8.01	9.440		1.35	1.00	0.649	pCi/L	118	75 - 125		
LCS		LCS									
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	85.3		30 - 110								
Y Carrier	81.1		30 - 110								

Lab Sample ID: 500-274319-16 DU

Matrix: Water

Analysis Batch: 741148

Client Sample ID: G47S

Prep Type: Total/NA

Prep Batch: 740090

Analyte	Sample		DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert.					
Radium-228	0.563		0.9722		0.412	1.00	0.494	pCi/L	0.53	1
DU		DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	79.4		30 - 110							
Y Carrier	84.5		30 - 110							

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record

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11/10/2024

Client Information		Sampler: <u>Noe L., John H.</u>		Lab PM Mockler Diana J		Carrier Tracking No(s)		COC No 500 137751-50642 1																					
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page 4 of 3																					
Company Midwest Generation EME LLC		PWSID		Analysis Req				Job # 500-274319																					
Address 1800 Channahon Road		Due Date Requested		500-274319 COC		Preservation Codes D HNO3 N None		Other																					
City Joliet		TAT Requested (days)																											
State Zip IL, 60436		Compliance Project ☐ Yes ☐ No																											
Phone		PO # 4502187984																											
Email james.thorne@nrg.com		WO #																											
Project Name Joliet #9 CCR		Project # 50011504		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Raz26Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note																					
Site Illinois		SSOW#																											
Sample Identification		Sample Date																											
Sample Time		Sample Type (C=comp, G=grab)																											
Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Preservation Code																											
R005		T025		09/10/25		0946		Water		D		D		D		D		N		5									
G205		T085		09/10/25		1240		Water												5									
R325		T035		09/10/25		1421		Water												5									
G445								Water																					
G465								Water																					
G465								Water																					
G470								Water																					
G485								Water																					
T035								Water																					
G305								Water																					
DUP								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 09/10/25					Company EEEA					Received by Supriya Hemamudh					Date/Time 9/10/25 1550					Company EEEA				
Relinquished by					Date/Time					Company					Received by					Date/Time					Company				
Relinquished by					Date/Time					Company					Received by					Date/Time					Company				
Custody Seals Intact. ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks 1.7+1.5																			

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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		Sampler <u>Noe L.</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137751-50642 2																																				
Client Contact: James Thorne		Phone		E-Mail: Diana Mockler@et eurofinsus.com		Site		Page <u>Page 2 of 3</u>																																				
Company: Midwest Generation EME LLC		PWSID		Analysis Request				Job # <u>500-274319</u>																																				
Address: 1800 Channahon Road		Due Date Requested		500-274319 COC <table border="1"><thead><tr><th>Field Filtered Sample (Yes or No)</th><th>Perform MS/MSD (Yes or No)</th><th>903.0 - Standard Target List</th><th>Ra226Ra228 - GFPC - Local Method</th><th>904.0 - Standard Target List</th><th>6020A, 7470A</th><th>2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GFPC - Local Method	904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E																													Preservation Codes D HNO3 N None		Other:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	Ra226Ra228 - GFPC - Local Method			904.0 - Standard Target List	6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E																																				
City: Joliet		TAT Requested (days)		Compliance Project ☐ Yes ☐ No		PO #: 4502187984		WO #:																																				
State Zip: IL, 60436		Project #: 50011504		SSOW#:		Total Number of containers		Special Instructions/Note																																				
Phone		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)																																				
Email: james.thorne@nrg.com		Preservation Code		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers																																				
Project Name: Joliet #9 CCR		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)																																				
Site: Illinois		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)																																				
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)																																				
G31S		09/12/25		0919		Water		5																																				
G33S		09/12/25		1023		Water		5																																				
T018		09/12/25		1210		Water		5																																				
T028		09/12/25		1321		Water		5																																				
T045						Water																																						
T068						Water																																						
T065						Water																																						
T085						Water																																						
T095						Water																																						
T125						Water																																						
T135						Water																																						
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological																																												
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																												
Deliverable Requested I, II, III, IV Other (specify)																																												
Special Instructions/QC Requirements																																												
Empty Kit Relinquished by		Date		Time		Method of Shipment:																																						
Relinquished by: <u>[Signature]</u>		Date/Time: 09/12/25 1540		Company: <u>EEPA</u>		Received by: <u>Stephanie Hernandez</u>		Date/Time: 9/12/25 1540																																				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:																																				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:																																				
Custody Seals Intact.		Custody Seal No		Cooler Temperature(s) °C and Other Remarks																																								
☐ Yes ☐ No				1.3 + 1.1																																								

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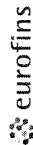
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Ver 05/06/202410/17/25

En attendant il fin

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Chain of Custody Record



Client Information (Sub Contract Lab)			Sampler: N/A		Lab PM: Mockler, Diana J		Carrier Tracking No(s): N/A		COC No: 500-211499.1	
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.			Address: 13715 Rider Trail North,		City: Earth City		State, Zip: MO, 63045		Phone: 314-298-8566(Tel) 314-298-8757(Fax)	
Email: N/A			Project Name: Joliet #9 (Quarry) CCR		Project #: 50011504		SSOW#: N/A		Site: NNRG Midwest Generation LSQ Joliet #9 CCR	
Due Date Requested: 10/7/2025			TAT Requested (days): N/A		PO #: N/A		WO #: N/A		Other: N/A	
Analysis Requested:			Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0/PreSep_21 Standard Target List		904.0/PreSep_05 Standard Target List	
Sample Date			Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=water/soil, BT=Tissue, A=Air)		Preservation Code	
T02S (500-274319-4)			9/10/25		09:46 Central		G		Water	
T08S (500-274319-5)			9/10/25		12:40 Central		G		Water	
T03S (500-274319-6)			9/10/25		14:21 Central		G		Water	
Special Instructions/Note:			Total Number of containers		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume,		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume,		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume,	
T02S (500-274319-4)			3		X		X		X	
T08S (500-274319-5)			3		X		X		X	
T03S (500-274319-6)			3		X		X		X	
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.										
Possible Hazard Identification			Unconfirmed		Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months	
Relinquished by: <i>Shirley Booth</i>			Date/Time: 9/11/25		Date/Time: 1620		Company: M. Pinette		Received by: SEP 12 2025 0820	
Relinquished by:			Date/Time:		Date/Time:		Company:		Received by:	
Relinquished by:			Date/Time:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes A No			Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

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

Chain of Custody Record

 eurofins

Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

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	0.4,1.5,0.7,1.1,1.2,0.6,-0.1,1.9 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.

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/11/25 12:03 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 09/12/25 11:30 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: 500-274319-2

Login Number: 274319

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 09/15/25 11:10 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/16/25 01:42 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/17/25 12:23 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/18/25 12:44 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-274319-2

Login Number: 274319

List Number: 8

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 09/22/25 12:48 PM

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

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

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T09S

Lab Sample ID: 500-274319-1

Date Collected: 09/09/25 10:03

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T06S

Lab Sample ID: 500-274319-2

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T06S Dup

Lab Sample ID: 500-274319-3

Date Collected: 09/09/25 12:08

Matrix: Water

Date Received: 09/09/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			735742	MLT	EET SL	09/12/25 06:41
Total/NA	Analysis	903.0		1	739345	SWS	EET SL	10/06/25 08:12
Total/NA	Prep	PrecSep_0			735743	MLT	EET SL	09/12/25 06:48
Total/NA	Analysis	904.0		1	739146	SWS	EET SL	10/05/25 11:04
Total/NA	Analysis	Ra226_Ra228		1	739388	SCB	EET SL	10/06/25 15:20

Client Sample ID: T02S

Lab Sample ID: 500-274319-4

Date Collected: 09/10/25 09:46

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:47
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T08S

Lab Sample ID: 500-274319-5

Date Collected: 09/10/25 12:40

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:48
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: T03S

Lab Sample ID: 500-274319-6

Date Collected: 09/10/25 14:21

Matrix: Water

Date Received: 09/10/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736041	JTR	EET SL	09/15/25 08:04
Total/NA	Analysis	903.0		1	739535	SWS	EET SL	10/07/25 21:48
Total/NA	Prep	PrecSep_0			736042	JTR	EET SL	09/15/25 08:12
Total/NA	Analysis	904.0		1	739535	SWS	EET SL	10/07/25 09:37
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: T01S

Lab Sample ID: 500-274319-7

Date Collected: 09/11/25 09:48

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739694	SWS	EET SL	10/08/25 20:49
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Client Sample ID: T11S

Lab Sample ID: 500-274319-8

Date Collected: 09/11/25 11:49

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739694	SWS	EET SL	10/08/25 20:49
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: T05S

Lab Sample ID: 500-274319-9

Date Collected: 09/11/25 14:09

Matrix: Water

Date Received: 09/11/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736235	JTR	EET SL	09/16/25 07:53
Total/NA	Analysis	903.0		1	739713	SWS	EET SL	10/08/25 23:18
Total/NA	Prep	PrecSep_0			736236	JTR	EET SL	09/16/25 08:00
Total/NA	Analysis	904.0		1	739717	SWS	EET SL	10/08/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739916	SCB	EET SL	10/09/25 09:47

Client Sample ID: G31S

Lab Sample ID: 500-274319-10

Date Collected: 09/12/25 09:19

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:44
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 14:44

Client Sample ID: G33S

Lab Sample ID: 500-274319-11

Date Collected: 09/12/25 10:23

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: T12S

Lab Sample ID: 500-274319-12

Date Collected: 09/12/25 12:10

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:07
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G41S

Lab Sample ID: 500-274319-13

Date Collected: 09/12/25 13:21

Matrix: Water

Date Received: 09/12/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736377	JTR	EET SL	09/17/25 08:17
Total/NA	Analysis	903.0		1	740102	SWS	EET SL	10/10/25 20:45
Total/NA	Prep	PrecSep_0			736378	JTR	EET SL	09/17/25 08:22
Total/NA	Analysis	904.0		1	740123	SWS	EET SL	10/10/25 12:08
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G42S

Lab Sample ID: 500-274319-14

Date Collected: 09/15/25 09:54

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:56
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G48S

Lab Sample ID: 500-274319-15

Date Collected: 09/15/25 13:10

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:57
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G47S

Lab Sample ID: 500-274319-16

Date Collected: 09/15/25 14:41

Matrix: Water

Date Received: 09/15/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736495	JTR	EET SL	09/18/25 07:57
Total/NA	Analysis	903.0		1	740104	SWS	EET SL	10/10/25 07:57
Total/NA	Prep	PrecSep_0			740090	AS	EET SL	10/10/25 07:58
Total/NA	Analysis	904.0		1	741148	SWS	EET SL	10/17/25 12:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G20S

Lab Sample ID: 500-274319-17

Date Collected: 09/16/25 10:35

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G46S

Lab Sample ID: 500-274319-18

Date Collected: 09/16/25 13:30

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: R08S

Lab Sample ID: 500-274319-19

Date Collected: 09/16/25 14:26

Matrix: Water

Date Received: 09/16/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			736722	JTR	EET SL	09/19/25 07:53
Total/NA	Analysis	903.0		1	740415	SWS	EET SL	10/13/25 19:34
Total/NA	Prep	PrecSep_0			736723	JTR	EET SL	09/19/25 08:00
Total/NA	Analysis	904.0		1	740415	SWS	EET SL	10/13/25 15:52
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Client Sample ID: G30S

Lab Sample ID: 500-274319-20

Date Collected: 09/18/25 10:03

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:41

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: R32S

Lab Sample ID: 500-274319-21

Date Collected: 09/18/25 12:09

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: G45S

Lab Sample ID: 500-274319-22

Date Collected: 09/18/25 13:31

Matrix: Water

Date Received: 09/18/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: T13S

Lab Sample ID: 500-274319-23

Date Collected: 09/19/25 09:19

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Client Sample ID: G44S

Lab Sample ID: 500-274319-24

Date Collected: 09/19/25 10:34

Matrix: Water

Date Received: 09/19/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Client Sample ID: G39S
Date Collected: 09/19/25 12:13
Date Received: 09/19/25 13:20

Lab Sample ID: 500-274319-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			737254	JTR	EET SL	09/23/25 07:59
Total/NA	Analysis	903.0		1	740745	SWS	EET SL	10/15/25 17:14
Total/NA	Prep	PrecSep_0			737255	JTR	EET SL	09/23/25 08:05
Total/NA	Analysis	904.0		1	740745	SWS	EET SL	10/15/25 10:04
Total/NA	Analysis	Ra226_Ra228		1	740621	CAH	EET SL	10/17/25 15:42

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: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	07-01-26
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-26
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	10-01-26
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-26
Missouri	State	780	06-30-28
Nevada	State	MO00054	07-31-26
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-26
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-30-26
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	12-31-25
Oregon	NELAP	4157	09-01-26
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-26
Texas	NELAP	T104704193	07-31-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-26
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-31-26
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 CCR 3Q25

Job ID: 500-274319-2

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)			
500-274319-1	T09S	84.6			
500-274319-2	T06S	71.5			
500-274319-3	T06S Dup	71.2			
500-274319-4	T02S	63.7			
500-274319-5	T08S	68.3			
500-274319-6	T03S	88.0			
500-274319-7	T01S	57.1			
500-274319-8	T11S	87.1			
500-274319-9	T05S	81.2			
500-274319-10	G31S	87.8			
500-274319-11	G33S	78.0			
500-274319-12	T12S	90.7			
500-274319-13	G41S	85.9			
500-274319-14	G42S	86.3			
500-274319-15	G48S	58.4			
500-274319-16	G47S	68.5			
500-274319-17	G20S	88.3			
500-274319-18	G46S	90.4			
500-274319-19	R08S	85.5			
500-274319-20	G30S	74.6			
500-274319-21	R32S	85.3			
500-274319-22	G45S	88.8			
500-274319-23	T13S	84.0			
500-274319-24	G44S	88.6			
500-274319-25	G39S	87.1			
LCS 160-735742/2-A	Lab Control Sample	92.9			
LCS 160-736041/2-A	Lab Control Sample	88.5			
LCS 160-736235/2-A	Lab Control Sample	92.2			
LCS 160-736377/2-A	Lab Control Sample	88.0			
LCS 160-736495/2-A	Lab Control Sample	73.1			
LCS 160-736722/2-A	Lab Control Sample	84.0			
LCS 160-737254/2-A	Lab Control Sample	90.4			
MB 160-735742/1-A	Method Blank	85.4			
MB 160-736041/1-A	Method Blank	84.4			
MB 160-736235/1-A	Method Blank	92.7			
MB 160-736377/1-A	Method Blank	83.9			
MB 160-736495/1-A	Method Blank	57.9			
MB 160-736722/1-A	Method Blank	88.6			
MB 160-737254/1-A	Method Blank	87.8			
Tracer/Carrier Legend					
Ba = Ba Carrier					

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
Lab Sample ID	Client Sample ID	Ba	Y		
		(30-110)	(30-110)		
500-274319-1	T09S	84.6	84.5		

Eurofins Chicago

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-274319-2

Project/Site: Joliet #9 CCR 3Q25

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)
500-274319-2	T06S	71.5	79.3
500-274319-3	T06S Dup	71.2	80.0
500-274319-4	T02S	63.7	82.2
500-274319-5	T08S	68.3	73.3
500-274319-6	T03S	88.0	83.4
500-274319-7	T01S	57.1	76.6
500-274319-8	T11S	87.1	81.9
500-274319-9	T05S	81.2	75.5
500-274319-10	G31S	87.8	85.2
500-274319-11	G33S	78.0	83.4
500-274319-12	T12S	90.7	87.1
500-274319-13	G41S	85.9	86.4
500-274319-14	G42S	81.1	79.6
500-274319-15	G48S	78.1	81.9
500-274319-16	G47S	82.3	83.4
500-274319-16 DU	G47S	79.4	84.5
500-274319-17	G20S	88.3	80.7
500-274319-18	G46S	90.4	79.6
500-274319-19	R08S	85.5	80.0
500-274319-20	G30S	74.6	80.4
500-274319-21	R32S	85.3	83.4
500-274319-22	G45S	88.8	78.9
500-274319-23	T13S	84.0	82.6
500-274319-24	G44S	88.6	81.1
500-274319-25	G39S	87.1	78.9
LCS 160-735743/2-A	Lab Control Sample	92.9	81.9
LCS 160-736042/2-A	Lab Control Sample	88.5	82.6
LCS 160-736236/2-A	Lab Control Sample	92.2	78.5
LCS 160-736378/2-A	Lab Control Sample	88.0	86.0
LCS 160-736723/2-A	Lab Control Sample	84.0	83.0
LCS 160-737255/2-A	Lab Control Sample	90.4	83.7
LCS 160-740090/2-A	Lab Control Sample	85.3	81.1
MB 160-735743/1-A	Method Blank	85.4	83.7
MB 160-736042/1-A	Method Blank	84.4	82.6
MB 160-736236/1-A	Method Blank	92.7	82.2
MB 160-736378/1-A	Method Blank	83.9	80.4
MB 160-736723/1-A	Method Blank	88.6	80.4
MB 160-737255/1-A	Method Blank	87.8	82.6
MB 160-740090/1-A	Method Blank	86.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

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

Generated 01/07/26 11:07:52

JOB DESCRIPTION

Joliet #9 (Quarry) CCR 4Q25

JOB NUMBER

500-279082-1

Eurofins Chicago

Job Notes

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

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

Authorization



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Job ID: 500-279082-1

Eurofins Chicago

Job Narrative 500-279082-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/09/25 15:17, 12/12/25 15:24, 12/16/25 15:38, 12/17/25 16:05, 12/22/25 16:00, 12/23/25 14:50 and 12/26/25 15:05. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.6°C, 0.8°C, 0.9°C, 0.9°C, 1.2°C, 1.4°C, 2.2°C, 2.3°C and 2.7°C.

Metals

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: T09S (500-279082-1), (500-279082-A-1-B DU), (500-279082-A-1-C MS), (500-279082-A-1-D MSD) and (500-279082-A-1-A SD). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-847645 was above the upper control limit. The affected analytes are: Beryllium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-847852 was above the upper control limit. The affected analytes are: Selenium. Sample results were below the reporting limit, and have been reported as qualified data.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: T02S (500-279082-3), T05S (500-279082-4), T05S Dup (500-279082-5) and T08S (500-279082-6). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: T01S (500-279082-8), (500-279082-A-8-B DU), (500-279082-A-8-C MS), (500-279082-A-8-D MSD) and (500-279082-A-8-A SD). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 500-848329 and analytical batch 500-848646. The associated laboratory control sample (LCS) and matrix spike (MS) met acceptance criteria.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: R08S (500-279082-18), G46S (500-279082-22), G48S (500-279082-24) and G47S (500-279082-25). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike duplicate recoveries are out of control limits for preparation batch 500-848329 and analytical batch 500-848739. The associated laboratory control sample (LCS) and matrix spike (MS) met acceptance criteria.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-846784 was above the upper control limit. The affected analyte is: Selenium. Sample results were non-detects, 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.

Eurofins Chicago

Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Job ID: 500-279082-1 (Continued)

Eurofins Chicago

General Chemistry

Method SM4500_Cl_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-846677 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM4500_SO4_E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-846935 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Field Service / Mobile Lab

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

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Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-279082-1	T09S	Water	12/09/25 11:28	12/09/25 15:17	Illinois
500-279082-2	T06S	Water	12/09/25 13:30	12/09/25 15:17	Illinois
500-279082-3	T02S	Water	12/12/25 10:18	12/12/25 15:24	Illinois
500-279082-4	T05S	Water	12/12/25 12:53	12/12/25 15:24	Illinois
500-279082-5	T05S Dup	Water	12/12/25 12:53	12/12/25 15:24	Illinois
500-279082-6	T08S	Water	12/16/25 10:17	12/16/25 15:38	Illinois
500-279082-7	G41S	Water	12/16/25 13:31	12/16/25 15:38	Illinois
500-279082-8	T01S	Water	12/17/25 10:15	12/17/25 16:05	Illinois
500-279082-9	T11S	Water	12/17/25 13:04	12/17/25 16:05	Illinois
500-279082-10	G33S	Water	12/17/25 14:32	12/17/25 16:05	Illinois
500-279082-11	G30S	Water	12/22/25 09:47	12/22/25 16:00	Illinois
500-279082-12	G20S	Water	12/22/25 11:34	12/22/25 16:00	Illinois
500-279082-13	G31S	Water	12/22/25 14:48	12/22/25 16:00	Illinois
500-279082-14	G42S	Water	12/23/25 07:57	12/23/25 14:50	Illinois
500-279082-15	T13S	Water	12/23/25 09:18	12/23/25 14:50	Illinois
500-279082-16	T03S	Water	12/23/25 10:14	12/23/25 14:50	Illinois
500-279082-17	R32S	Water	12/23/25 11:41	12/23/25 14:50	Illinois
500-279082-18	R08S	Water	12/23/25 12:42	12/23/25 14:50	Illinois
500-279082-19	T12S	Water	12/23/25 13:46	12/23/25 14:50	Illinois
500-279082-20	G44S	Water	12/26/25 08:12	12/26/25 15:05	Illinois
500-279082-21	G39S	Water	12/26/25 09:11	12/26/25 15:05	Illinois
500-279082-22	G46S	Water	12/26/25 10:03	12/26/25 15:05	Illinois
500-279082-23	G45S	Water	12/26/25 11:05	12/26/25 15:05	Illinois
500-279082-24	G48S	Water	12/26/25 12:30	12/26/25 15:05	Illinois
500-279082-25	G47S	Water	12/26/25 13:48	12/26/25 15:05	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T09S

Lab Sample ID: 500-279082-1

Date Collected: 12/09/25 11:28

Matrix: Water

Date Received: 12/09/25 15:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Arsenic	2.9		1.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Barium	62		2.5		ug/L		12/10/25 07:41	12/11/25 16:12	1
Beryllium	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Boron	5100		250		ug/L		12/10/25 07:41	12/12/25 12:18	5
Cadmium	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:12	1
Calcium	140		0.20		mg/L		12/10/25 07:41	12/11/25 16:12	1
Chromium	<5.0		5.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Cobalt	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Lead	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:12	1
Lithium	110		10		ug/L		12/10/25 07:41	12/11/25 16:12	1
Molybdenum	780		5.0		ug/L		12/10/25 07:41	12/11/25 16:12	1
Selenium	<2.5	^1+	2.5		ug/L		12/10/25 07:41	12/11/25 16:12	1
Thallium	<2.0		2.0		ug/L		12/10/25 07:41	12/11/25 16:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/12/25 11:10	12/15/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	920		10		mg/L			12/12/25 09:20	1
Chloride (SM 4500 Cl- E)	62		4.0		mg/L			12/11/25 11:43	2
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			12/11/25 10:56	1
Sulfate (SM 4500 SO4 E)	410		100		mg/L			12/14/25 10:29	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.54				ft			12/09/25 11:28	1
Depth to Water (ft from MP)	105.94				ft			12/09/25 11:28	1
Elevation of well (ft from MP)	603.49				ft			12/09/25 11:28	1
Field pH	7.40				SU			12/09/25 11:28	1
Field Temperature	46.0				Degrees F			12/09/25 11:28	1
Ground Water Elevation	497.55				ft			12/09/25 11:28	1
Specific Conductance	1411				umhos/cm			12/09/25 11:28	1
Well bottom elevation	444.80				ft			12/09/25 11:28	1
Field Turbidity	25.30				NTU			12/09/25 11:28	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T06S

Lab Sample ID: 500-279082-2

Date Collected: 12/09/25 13:30

Matrix: Water

Date Received: 12/09/25 15:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Arsenic	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Barium	35		2.5		ug/L		12/10/25 07:41	12/11/25 16:48	1
Beryllium	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Boron	1000		50		ug/L		12/10/25 07:41	12/12/25 12:29	1
Cadmium	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:48	1
Calcium	88		0.20		mg/L		12/10/25 07:41	12/11/25 16:48	1
Chromium	<5.0		5.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Cobalt	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Lead	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:48	1
Lithium	26		10		ug/L		12/10/25 07:41	12/11/25 16:48	1
Molybdenum	30		5.0		ug/L		12/10/25 07:41	12/11/25 16:48	1
Selenium	<2.5	^1+	2.5		ug/L		12/10/25 07:41	12/11/25 16:48	1
Thallium	<2.0		2.0		ug/L		12/10/25 07:41	12/11/25 16:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/12/25 11:10	12/15/25 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	480		10		mg/L			12/12/25 09:23	1
Chloride (SM 4500 Cl- E)	14	F1	2.0		mg/L			12/11/25 11:13	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			12/11/25 10:59	1
Sulfate (SM 4500 SO4 E)	99	F1	25		mg/L			12/14/25 10:30	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	116.83				ft			12/09/25 13:30	1
Depth to Water (ft from MP)	119.13				ft			12/09/25 13:30	1
Elevation of well (ft from MP)	621.05				ft			12/09/25 13:30	1
Field pH	7.25				SU			12/09/25 13:30	1
Field Temperature	48.7				Degrees F			12/09/25 13:30	1
Ground Water Elevation	501.92				ft			12/09/25 13:30	1
Specific Conductance	808				umhos/cm			12/09/25 13:30	1
Well bottom elevation	447.94				ft			12/09/25 13:30	1
Field Turbidity	4.57				NTU			12/09/25 13:30	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T02S

Lab Sample ID: 500-279082-3

Date Collected: 12/12/25 10:18

Matrix: Water

Date Received: 12/12/25 15:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.8		3.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Arsenic	13		1.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Barium	91		2.5		ug/L		12/15/25 14:56	12/17/25 19:03	1
Beryllium	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Boron	3800		250		ug/L		12/15/25 14:56	12/19/25 15:51	5
Cadmium	<0.50		0.50		ug/L		12/15/25 14:56	12/17/25 19:03	1
Calcium	87		0.20		mg/L		12/15/25 14:56	12/17/25 19:03	1
Chromium	<5.0		5.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Cobalt	3.8		1.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Lead	3.0		0.50		ug/L		12/15/25 14:56	12/17/25 19:03	1
Lithium	38		10		ug/L		12/15/25 14:56	12/17/25 19:03	1
Molybdenum	360		5.0		ug/L		12/15/25 14:56	12/17/25 19:03	1
Selenium	<2.5		2.5		ug/L		12/15/25 14:56	12/17/25 19:03	1
Thallium	<2.0		2.0		ug/L		12/15/25 14:56	12/17/25 19:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/16/25 10:55	12/17/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			12/16/25 04:45	1
Chloride (SM 4500 Cl- E)	130		10		mg/L			12/14/25 09:29	5
Fluoride (SM 4500 F C)	0.36		0.10		mg/L			12/18/25 15:47	1
Sulfate (SM 4500 SO4 E)	320		50		mg/L			12/14/25 10:28	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	135.31				ft			12/12/25 10:18	1
Depth to Water (ft from MP)	137.64				ft			12/12/25 10:18	1
Elevation of well (ft from MP)	626.14				ft			12/12/25 10:18	1
Field pH	7.63				SU			12/12/25 10:18	1
Field Temperature	45.3				Degrees F			12/12/25 10:18	1
Ground Water Elevation	488.50				ft			12/12/25 10:18	1
Specific Conductance	1363				umhos/cm			12/12/25 10:18	1
Well bottom elevation	453.40				ft			12/12/25 10:18	1
Field Turbidity	139.00				NTU			12/12/25 10:18	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T05S

Lab Sample ID: 500-279082-4

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Arsenic	120		1.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Barium	8.3		2.5		ug/L		12/15/25 14:56	12/17/25 19:05	1
Beryllium	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Boron	13000		250		ug/L		12/15/25 14:56	12/19/25 15:53	5
Cadmium	<0.50		0.50		ug/L		12/15/25 14:56	12/17/25 19:05	1
Calcium	1.4		0.20		mg/L		12/15/25 14:56	12/17/25 19:05	1
Chromium	<5.0		5.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Cobalt	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Lead	<0.50		0.50		ug/L		12/15/25 14:56	12/17/25 19:05	1
Lithium	27		10		ug/L		12/15/25 14:56	12/17/25 19:05	1
Molybdenum	980		5.0		ug/L		12/15/25 14:56	12/17/25 19:05	1
Selenium	2.9		2.5		ug/L		12/15/25 14:56	12/17/25 19:05	1
Thallium	<2.0		2.0		ug/L		12/15/25 14:56	12/17/25 19:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/16/25 10:55	12/17/25 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		20		mg/L			12/31/25 15:04	20
Sulfate (EPA 300.0)	640		20		mg/L			12/31/25 15:04	20
Total Dissolved Solids (SM 2540C)	1700		10		mg/L			12/16/25 04:48	1
Fluoride (SM 4500 F C)	1.7		0.10		mg/L			12/18/25 16:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	124.18				ft			12/12/25 12:53	1
Depth to Water (ft from MP)	126.58				ft			12/12/25 12:53	1
Elevation of well (ft from MP)	623.41				ft			12/12/25 12:53	1
Field pH	10.40				SU			12/12/25 12:53	1
Field Temperature	49.1				Degrees F			12/12/25 12:53	1
Ground Water Elevation	496.83				ft			12/12/25 12:53	1
Specific Conductance	1501				umhos/cm			12/12/25 12:53	1
Well bottom elevation	448.35				ft			12/12/25 12:53	1
Field Turbidity	15.90				NTU			12/12/25 12:53	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T05S Dup

Lab Sample ID: 500-279082-5

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Arsenic	110		1.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Barium	8.1		2.5		ug/L		12/16/25 12:45	12/17/25 17:36	1
Beryllium	<1.0		1.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Boron	13000		250		ug/L		12/16/25 12:45	12/19/25 16:05	5
Cadmium	<0.50		0.50		ug/L		12/16/25 12:45	12/17/25 17:36	1
Calcium	2.4		0.20		mg/L		12/16/25 12:45	12/17/25 17:36	1
Chromium	<5.0		5.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Cobalt	<1.0		1.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Lead	<0.50		0.50		ug/L		12/16/25 12:45	12/17/25 17:36	1
Lithium	25		10		ug/L		12/16/25 12:45	12/17/25 17:36	1
Molybdenum	910		5.0		ug/L		12/16/25 12:45	12/17/25 17:36	1
Selenium	2.5		2.5		ug/L		12/16/25 12:45	12/17/25 17:36	1
Thallium	<2.0		2.0		ug/L		12/16/25 12:45	12/17/25 17:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/16/25 10:55	12/17/25 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		10		mg/L			12/16/25 04:50	1
Chloride (SM 4500 Cl- E)	110		10		mg/L			12/14/25 09:29	5
Fluoride (SM 4500 F C)	1.8		0.10		mg/L			12/18/25 16:02	1
Sulfate (SM 4500 SO4 E)	570		100		mg/L			12/14/25 10:28	20

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	124.18				ft			12/12/25 12:53	1
Depth to Water (ft from MP)	126.58				ft			12/12/25 12:53	1
Elevation of well (ft from MP)	623.41				ft			12/12/25 12:53	1
Field pH	10.40				SU			12/12/25 12:53	1
Field Temperature	49.1				Degrees F			12/12/25 12:53	1
Ground Water Elevation	496.83				ft			12/12/25 12:53	1
Specific Conductance	1501				umhos/cm			12/12/25 12:53	1
Well bottom elevation	448.35				ft			12/12/25 12:53	1
Field Turbidity	15.90				NTU			12/12/25 12:53	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T08S

Lab Sample ID: 500-279082-6

Date Collected: 12/16/25 10:17

Matrix: Water

Date Received: 12/16/25 15:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.0		3.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Arsenic	12		1.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Barium	48		2.5		ug/L		12/17/25 13:17	12/18/25 14:59	1
Beryllium	<1.0	^1+	1.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Boron	7600		250		ug/L		12/17/25 13:17	12/19/25 16:00	5
Cadmium	<0.50		0.50		ug/L		12/17/25 13:17	12/18/25 14:59	1
Calcium	24		0.20		mg/L		12/17/25 13:17	12/18/25 14:59	1
Chromium	<5.0		5.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Cobalt	<1.0		1.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Lead	0.82		0.50		ug/L		12/17/25 13:17	12/18/25 14:59	1
Lithium	52		10		ug/L		12/17/25 13:17	12/18/25 14:59	1
Molybdenum	750		5.0		ug/L		12/17/25 13:17	12/18/25 14:59	1
Selenium	<2.5		2.5		ug/L		12/17/25 13:17	12/18/25 14:59	1
Thallium	<2.0		2.0		ug/L		12/17/25 13:17	12/18/25 14:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/17/25 10:30	12/18/25 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	75		20		mg/L			12/31/25 15:29	20
Sulfate (EPA 300.0)	520		20		mg/L			12/31/25 15:29	20
Total Dissolved Solids (SM 2540C)	910		10		mg/L			12/18/25 10:24	1
Fluoride (SM 4500 F C)	0.57		0.10		mg/L			12/18/25 16:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	130.12				ft			12/16/25 10:17	1
Depth to Water (ft from MP)	132.50				ft			12/16/25 10:17	1
Elevation of well (ft from MP)	627.43				ft			12/16/25 10:17	1
Field pH	9.03				SU			12/16/25 10:17	1
Field Temperature	46.6				Degrees F			12/16/25 10:17	1
Ground Water Elevation	494.93				ft			12/16/25 10:17	1
Specific Conductance	1389				umhos/cm			12/16/25 10:17	1
Well bottom elevation	447.38				ft			12/16/25 10:17	1
Field Turbidity	47.40				NTU			12/16/25 10:17	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G41S

Lab Sample ID: 500-279082-7

Date Collected: 12/16/25 13:31

Matrix: Water

Date Received: 12/16/25 15:38

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Arsenic	<1.0		1.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Barium	38		2.5		ug/L		12/17/25 13:17	12/18/25 15:02	1
Beryllium	<1.0	^1+	1.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Boron	2200		50		ug/L		12/17/25 13:17	12/19/25 16:02	1
Cadmium	<0.50		0.50		ug/L		12/17/25 13:17	12/18/25 15:02	1
Calcium	98		0.20		mg/L		12/17/25 13:17	12/18/25 15:02	1
Chromium	<5.0		5.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Cobalt	<1.0		1.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Lead	<0.50		0.50		ug/L		12/17/25 13:17	12/18/25 15:02	1
Lithium	48		10		ug/L		12/17/25 13:17	12/18/25 15:02	1
Molybdenum	73		5.0		ug/L		12/17/25 13:17	12/18/25 15:02	1
Selenium	<2.5		2.5		ug/L		12/17/25 13:17	12/18/25 15:02	1
Thallium	<2.0		2.0		ug/L		12/17/25 13:17	12/18/25 15:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/17/25 10:30	12/18/25 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	78		10		mg/L			12/31/25 15:37	10
Sulfate (EPA 300.0)	240		10		mg/L			12/31/25 15:37	10
Total Dissolved Solids (SM 2540C)	660		10		mg/L			12/18/25 10:27	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			12/18/25 16:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.70				ft			12/16/25 13:31	1
Depth to Water (ft from MP)	29.99				ft			12/16/25 13:31	1
Elevation of well (ft from MP)	535.78				ft			12/16/25 13:31	1
Field pH	7.32				SU			12/16/25 13:31	1
Field Temperature	48.6				Degrees F			12/16/25 13:31	1
Ground Water Elevation	505.79				ft			12/16/25 13:31	1
Specific Conductance	1198				umhos/cm			12/16/25 13:31	1
Well bottom elevation	453.96				ft			12/16/25 13:31	1
Field Turbidity	1.53				NTU			12/16/25 13:31	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T01S

Lab Sample ID: 500-279082-8

Date Collected: 12/17/25 10:15

Matrix: Water

Date Received: 12/17/25 16:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Arsenic	9.3		1.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Barium	59		2.5		ug/L		12/18/25 08:18	12/19/25 13:34	1
Beryllium	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Boron	4400		250		ug/L		12/18/25 08:18	12/22/25 14:59	5
Cadmium	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:34	1
Calcium	50		0.20		mg/L		12/18/25 08:18	12/19/25 13:34	1
Chromium	8.6		5.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Cobalt	4.5		1.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Lead	3.2		0.50		ug/L		12/18/25 08:18	12/19/25 13:34	1
Lithium	17		10		ug/L		12/18/25 08:18	12/19/25 13:34	1
Molybdenum	320		5.0		ug/L		12/18/25 08:18	12/19/25 13:34	1
Selenium	<2.5	^1+	2.5		ug/L		12/18/25 08:18	12/19/25 13:34	1
Thallium	<2.0		2.0		ug/L		12/18/25 08:18	12/19/25 13:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/18/25 11:30	12/19/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		10		mg/L			12/31/25 15:45	10
Sulfate (EPA 300.0)	480		10		mg/L			12/31/25 15:45	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			12/18/25 10:32	1
Fluoride (SM 4500 F C)	1.3		0.10		mg/L			12/23/25 12:49	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	125.94				ft			12/17/25 10:15	1
Depth to Water (ft from MP)	128.42				ft			12/17/25 10:15	1
Elevation of well (ft from MP)	621.83				ft			12/17/25 10:15	1
Field pH	7.853				SU			12/17/25 10:15	1
Field Temperature	39.7				Degrees F			12/17/25 10:15	1
Ground Water Elevation	493.41				ft			12/17/25 10:15	1
Specific Conductance	1435				umhos/cm			12/17/25 10:15	1
Well bottom elevation	451.46				ft			12/17/25 10:15	1
Field Turbidity	37.80				NTU			12/17/25 10:15	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T11S

Lab Sample ID: 500-279082-9

Date Collected: 12/17/25 13:04

Matrix: Water

Date Received: 12/17/25 16:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Arsenic	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Barium	39		2.5		ug/L		12/18/25 08:18	12/19/25 13:45	1
Beryllium	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Boron	230		50		ug/L		12/18/25 08:18	12/19/25 13:45	1
Cadmium	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:45	1
Calcium	110		0.20		mg/L		12/18/25 08:18	12/19/25 13:45	1
Chromium	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Cobalt	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Lead	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:45	1
Lithium	19		10		ug/L		12/18/25 08:18	12/19/25 13:45	1
Molybdenum	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:45	1
Selenium	<2.5	^1+	2.5		ug/L		12/18/25 08:18	12/19/25 13:45	1
Thallium	<2.0		2.0		ug/L		12/18/25 08:18	12/19/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/18/25 11:30	12/19/25 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	40		5.0		mg/L			12/31/25 15:53	5
Sulfate (EPA 300.0)	210		5.0		mg/L			12/31/25 15:53	5
Total Dissolved Solids (SM 2540C)	570		10		mg/L			12/22/25 06:12	1
Fluoride (SM 4500 F C)	0.35		0.10		mg/L			12/23/25 13:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	75.05				ft			12/17/25 13:04	1
Depth to Water (ft from MP)	77.79				ft			12/17/25 13:04	1
Elevation of well (ft from MP)	559.40				ft			12/17/25 13:04	1
Field pH	7.70				SU			12/17/25 13:04	1
Field Temperature	49.8				Degrees F			12/17/25 13:04	1
Ground Water Elevation	481.61				ft			12/17/25 13:04	1
Specific Conductance	984				umhos/cm			12/17/25 13:04	1
Well bottom elevation	445.60				ft			12/17/25 13:04	1
Field Turbidity	66.40				NTU			12/17/25 13:04	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G33S

Lab Sample ID: 500-279082-10

Date Collected: 12/17/25 14:32

Matrix: Water

Date Received: 12/17/25 16:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Arsenic	1.1		1.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Barium	120		2.5		ug/L		12/18/25 08:18	12/19/25 13:48	1
Beryllium	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Boron	930		50		ug/L		12/18/25 08:18	12/19/25 13:48	1
Cadmium	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:48	1
Calcium	75		0.20		mg/L		12/18/25 08:18	12/19/25 13:48	1
Chromium	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Cobalt	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Lead	4.1		0.50		ug/L		12/18/25 08:18	12/19/25 13:48	1
Lithium	34		10		ug/L		12/18/25 08:18	12/19/25 13:48	1
Molybdenum	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:48	1
Selenium	<2.5	^1+	2.5		ug/L		12/18/25 08:18	12/19/25 13:48	1
Thallium	<2.0		2.0		ug/L		12/18/25 08:18	12/19/25 13:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/18/25 11:30	12/19/25 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	12		2.0		mg/L			12/31/25 16:01	2
Sulfate (EPA 300.0)	110		10		mg/L			01/05/26 17:22	10
Total Dissolved Solids (SM 2540C)	410		10		mg/L			12/22/25 06:19	1
Fluoride (SM 4500 F C)	0.56		0.10		mg/L			12/23/25 13:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	34.97				ft			12/17/25 14:32	1
Depth to Water (ft from MP)	36.70				ft			12/17/25 14:32	1
Elevation of well (ft from MP)	535.67				ft			12/17/25 14:32	1
Field pH	7.30				SU			12/17/25 14:32	1
Field Temperature	52.5				Degrees F			12/17/25 14:32	1
Ground Water Elevation	498.97				ft			12/17/25 14:32	1
Specific Conductance	831				umhos/cm			12/17/25 14:32	1
Well bottom elevation	452.72				ft			12/17/25 14:32	1
Field Turbidity	80.70				NTU			12/17/25 14:32	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G30S

Lab Sample ID: 500-279082-11

Date Collected: 12/22/25 09:47

Matrix: Water

Date Received: 12/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Arsenic	1.3		1.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Barium	49		2.5		ug/L		12/23/25 09:16	12/23/25 17:46	1
Beryllium	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Boron	4900		250		ug/L		12/23/25 09:16	12/29/25 18:00	5
Cadmium	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:46	1
Calcium	73		0.20		mg/L		12/23/25 09:16	12/23/25 17:46	1
Chromium	<5.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Cobalt	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Lead	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:46	1
Lithium	24		10		ug/L		12/23/25 09:16	12/23/25 17:46	1
Molybdenum	8.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:46	1
Selenium	<2.5		2.5		ug/L		12/23/25 09:16	12/23/25 17:46	1
Thallium	<2.0		2.0		ug/L		12/23/25 09:16	12/23/25 17:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/23/25 11:00	12/26/25 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	190		20		mg/L			12/31/25 16:25	20
Sulfate (EPA 300.0)	540		20		mg/L			12/31/25 16:25	20
Total Dissolved Solids (SM 2540C)	1300		10		mg/L			12/23/25 07:07	1
Fluoride (SM 4500 F C)	0.93		0.10		mg/L			12/23/25 12:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	-0.28				ft			12/22/25 09:47	1
Depth to Water (ft from MP)	2.03				ft			12/22/25 09:47	1
Elevation of well (ft from MP)	524.78				ft			12/22/25 09:47	1
Field pH	7.76				SU			12/22/25 09:47	1
Field Temperature	45.3				Degrees F			12/22/25 09:47	1
Ground Water Elevation	522.75				ft			12/22/25 09:47	1
Specific Conductance	2001				umhos/cm			12/22/25 09:47	1
Well bottom elevation	462.58				ft			12/22/25 09:47	1
Field Turbidity	1.30				NTU			12/22/25 09:47	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G20S

Lab Sample ID: 500-279082-12

Date Collected: 12/22/25 11:34

Matrix: Water

Date Received: 12/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Arsenic	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Barium	51		2.5		ug/L		12/23/25 09:16	12/23/25 17:48	1
Beryllium	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Boron	1100		50		ug/L		12/23/25 09:16	12/29/25 18:02	1
Cadmium	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:48	1
Calcium	67		0.20		mg/L		12/23/25 09:16	12/23/25 17:48	1
Chromium	<5.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Cobalt	1.1		1.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Lead	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:48	1
Lithium	40		10		ug/L		12/23/25 09:16	12/23/25 17:48	1
Molybdenum	15		5.0		ug/L		12/23/25 09:16	12/23/25 17:48	1
Selenium	<2.5		2.5		ug/L		12/23/25 09:16	12/23/25 17:48	1
Thallium	<2.0		2.0		ug/L		12/23/25 09:16	12/23/25 17:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/23/25 11:00	12/26/25 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	16		2.0		mg/L			12/31/25 16:33	2
Sulfate (EPA 300.0)	74		2.0		mg/L			12/31/25 16:33	2
Total Dissolved Solids (SM 2540C)	380		10		mg/L			12/23/25 07:15	1
Fluoride (SM 4500 F C)	0.85		0.10		mg/L			12/23/25 12:33	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	59.04				ft			12/22/25 11:34	1
Depth to Water (ft from MP)	61.82				ft			12/22/25 11:34	1
Elevation of well (ft from MP)	580.79				ft			12/22/25 11:34	1
Field pH	7.63				SU			12/22/25 11:34	1
Field Temperature	44.2				Degrees F			12/22/25 11:34	1
Ground Water Elevation	518.97				ft			12/22/25 11:34	1
Specific Conductance	780				umhos/cm			12/22/25 11:34	1
Well bottom elevation	442.28				ft			12/22/25 11:34	1
Field Turbidity	0.79				NTU			12/22/25 11:34	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G31S

Lab Sample ID: 500-279082-13

Date Collected: 12/22/25 14:48

Matrix: Water

Date Received: 12/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Arsenic	1.8		1.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Barium	45		2.5		ug/L		12/23/25 09:16	12/23/25 17:51	1
Beryllium	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Boron	1700		50		ug/L		12/23/25 09:16	12/29/25 18:04	1
Cadmium	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:51	1
Calcium	150		0.20		mg/L		12/23/25 09:16	12/23/25 17:51	1
Chromium	<5.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Cobalt	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Lead	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:51	1
Lithium	61		10		ug/L		12/23/25 09:16	12/23/25 17:51	1
Molybdenum	370		5.0		ug/L		12/23/25 09:16	12/23/25 17:51	1
Selenium	<2.5		2.5		ug/L		12/23/25 09:16	12/23/25 17:51	1
Thallium	<2.0		2.0		ug/L		12/23/25 09:16	12/23/25 17:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/23/25 11:00	12/26/25 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	180		10		mg/L			12/31/25 16:41	10
Sulfate (EPA 300.0)	420		10		mg/L			12/31/25 16:41	10
Total Dissolved Solids (SM 2540C)	950		10		mg/L			12/23/25 07:20	1
Fluoride (SM 4500 F C)	0.28		0.10		mg/L			12/23/25 12:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	27.45				ft			12/22/25 14:48	1
Depth to Water (ft from MP)	30.03				ft			12/22/25 14:48	1
Elevation of well (ft from MP)	535.67				ft			12/22/25 14:48	1
Field pH	7.19				SU			12/22/25 14:48	1
Field Temperature	55.2				Degrees F			12/22/25 14:48	1
Ground Water Elevation	505.64				ft			12/22/25 14:48	1
Specific Conductance	1720				umhos/cm			12/22/25 14:48	1
Well bottom elevation	453.36				ft			12/22/25 14:48	1
Field Turbidity	0.26				NTU			12/22/25 14:48	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G42S

Lab Sample ID: 500-279082-14

Date Collected: 12/23/25 07:57

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:40	1
Arsenic	<1.0		1.0		ug/L		12/26/25 10:30	12/31/25 14:19	1
Barium	21		2.5		ug/L		12/26/25 10:30	12/30/25 16:40	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:40	1
Boron	570		50		ug/L		12/26/25 10:30	12/30/25 16:40	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:40	1
Calcium	79		0.20		mg/L		12/26/25 10:30	12/30/25 16:40	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:40	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:40	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:40	1
Lithium	21		10		ug/L		12/26/25 10:30	12/30/25 16:40	1
Molybdenum	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:40	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:40	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 14:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	36		2.0		mg/L			12/31/25 16:49	2
Sulfate (EPA 300.0)	93		2.0		mg/L			12/31/25 16:49	2
Total Dissolved Solids (SM 2540C)	440		10		mg/L			12/29/25 00:10	1
Fluoride (SM 4500 F C)	0.48		0.10		mg/L			12/26/25 13:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	13.01				ft			12/23/25 07:57	1
Depth to Water (ft from MP)	15.00				ft			12/23/25 07:57	1
Elevation of well (ft from MP)	528.59				ft			12/23/25 07:57	1
Field pH	7.27				SU			12/23/25 07:57	1
Field Temperature	49.5				Degrees F			12/23/25 07:57	1
Ground Water Elevation	513.59				ft			12/23/25 07:57	1
Specific Conductance	888				umhos/cm			12/23/25 07:57	1
Well bottom elevation	451.26				ft			12/23/25 07:57	1
Field Turbidity	1.10				NTU			12/23/25 07:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T13S

Lab Sample ID: 500-279082-15

Date Collected: 12/23/25 09:18

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:13	1
Arsenic	2.1		1.0		ug/L		12/26/25 10:30	12/31/25 13:52	1
Barium	52		2.5		ug/L		12/26/25 10:30	12/30/25 16:13	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:13	1
Boron	550		50		ug/L		12/26/25 10:30	12/30/25 16:13	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:13	1
Calcium	95		0.20		mg/L		12/26/25 10:30	12/30/25 16:13	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:13	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:13	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:13	1
Lithium	24		10		ug/L		12/26/25 10:30	12/30/25 16:13	1
Molybdenum	28		5.0		ug/L		12/26/25 10:30	12/30/25 16:13	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:13	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 13:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	46		5.0		mg/L			12/31/25 16:57	5
Sulfate (EPA 300.0)	200		5.0		mg/L			12/31/25 16:57	5
Total Dissolved Solids (SM 2540C)	600		10		mg/L			12/29/25 00:13	1
Fluoride (SM 4500 F C)	0.26		0.10		mg/L			12/26/25 14:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	18.08				ft			12/23/25 09:18	1
Depth to Water (ft from MP)	20.84				ft			12/23/25 09:18	1
Elevation of well (ft from MP)	525.33				ft			12/23/25 09:18	1
Field pH	7.31				SU			12/23/25 09:18	1
Field Temperature	55.0				Degrees F			12/23/25 09:18	1
Ground Water Elevation	504.49				ft			12/23/25 09:18	1
Specific Conductance	1027				umhos/cm			12/23/25 09:18	1
Well bottom elevation	452.21				ft			12/23/25 09:18	1
Field Turbidity	4.83				NTU			12/23/25 09:18	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T03S

Lab Sample ID: 500-279082-16

Date Collected: 12/23/25 10:14

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:19	1
Arsenic	1.5		1.0		ug/L		12/26/25 10:30	12/31/25 13:55	1
Barium	60		2.5		ug/L		12/26/25 10:30	12/30/25 16:19	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:19	1
Boron	580		50		ug/L		12/26/25 10:30	12/30/25 16:19	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:19	1
Calcium	140		0.20		mg/L		12/26/25 10:30	12/30/25 16:19	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:19	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:19	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:19	1
Lithium	34		10		ug/L		12/26/25 10:30	12/30/25 16:19	1
Molybdenum	47		5.0		ug/L		12/26/25 10:30	12/30/25 16:19	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:19	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 13:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	61		10		mg/L			12/31/25 17:06	10
Sulfate (EPA 300.0)	400		10		mg/L			12/31/25 17:06	10
Total Dissolved Solids (SM 2540C)	980		10		mg/L			12/29/25 00:15	1
Fluoride (SM 4500 F C)	0.22		0.10		mg/L			12/26/25 14:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	137.93				ft			12/23/25 10:14	1
Depth to Water (ft from MP)	141.01				ft			12/23/25 10:14	1
Elevation of well (ft from MP)	629.73				ft			12/23/25 10:14	1
Field pH	7.06				SU			12/23/25 10:14	1
Field Temperature	52.5				Degrees F			12/23/25 10:14	1
Ground Water Elevation	488.72				ft			12/23/25 10:14	1
Specific Conductance	1369				umhos/cm			12/23/25 10:14	1
Well bottom elevation	456.70				ft			12/23/25 10:14	1
Field Turbidity	6.09				NTU			12/23/25 10:14	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: R32S

Lab Sample ID: 500-279082-17

Date Collected: 12/23/25 11:41

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:23	1
Arsenic	<1.0		1.0		ug/L		12/26/25 10:30	12/31/25 14:07	1
Barium	30		2.5		ug/L		12/26/25 10:30	12/30/25 16:23	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:23	1
Boron	2100		50		ug/L		12/26/25 10:30	12/30/25 16:23	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:23	1
Calcium	94		0.20		mg/L		12/26/25 10:30	12/30/25 16:23	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:23	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:23	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:23	1
Lithium	51		10		ug/L		12/26/25 10:30	12/30/25 16:23	1
Molybdenum	240		5.0		ug/L		12/26/25 10:30	12/30/25 16:23	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:23	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	35		10		mg/L			12/31/25 17:14	10
Sulfate (EPA 300.0)	400		10		mg/L			12/31/25 17:14	10
Total Dissolved Solids (SM 2540C)	740		10		mg/L			12/29/25 00:18	1
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			12/26/25 14:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	21.92				ft			12/23/25 11:41	1
Depth to Water (ft from MP)	23.95				ft			12/23/25 11:41	1
Elevation of well (ft from MP)	537.04				ft			12/23/25 11:41	1
Field pH	7.39				SU			12/23/25 11:41	1
Field Temperature	53.6				Degrees F			12/23/25 11:41	1
Ground Water Elevation	513.09				ft			12/23/25 11:41	1
Specific Conductance	851				umhos/cm			12/23/25 11:41	1
Well bottom elevation	457.84				ft			12/23/25 11:41	1
Field Turbidity	0.84				NTU			12/23/25 11:41	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: R08S

Lab Sample ID: 500-279082-18

Date Collected: 12/23/25 12:42

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:32	1
Arsenic	2.0		1.0		ug/L		12/26/25 10:30	12/31/25 14:09	1
Barium	45		2.5		ug/L		12/26/25 10:30	12/30/25 16:32	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:32	1
Boron	8100		250		ug/L		12/26/25 10:30	12/31/25 11:51	5
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:32	1
Calcium	140		0.20		mg/L		12/26/25 10:30	12/30/25 16:32	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:32	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:32	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:32	1
Lithium	130		10		ug/L		12/26/25 10:30	12/30/25 16:32	1
Molybdenum	330		5.0		ug/L		12/26/25 10:30	12/30/25 16:32	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:32	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 14:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	76		10		mg/L			12/31/25 17:22	10
Sulfate (EPA 300.0)	460		10		mg/L			12/31/25 17:22	10
Total Dissolved Solids (SM 2540C)	720		10		mg/L			12/29/25 00:20	1
Fluoride (SM 4500 F C)	0.12		0.10		mg/L			12/26/25 14:12	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	69.41				ft			12/23/25 12:42	1
Depth to Water (ft from MP)	71.96				ft			12/23/25 12:42	1
Elevation of well (ft from MP)	578.64				ft			12/23/25 12:42	1
Field pH	8.07				SU			12/23/25 12:42	1
Field Temperature	54.5				Degrees F			12/23/25 12:42	1
Ground Water Elevation	506.68				ft			12/23/25 12:42	1
Specific Conductance	1167				umhos/cm			12/23/25 12:42	1
Well bottom elevation	453.08				ft			12/23/25 12:42	1
Field Turbidity	0.46				NTU			12/23/25 12:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T12S

Lab Sample ID: 500-279082-19

Date Collected: 12/23/25 13:46

Matrix: Water

Date Received: 12/23/25 14:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 16:36	1
Arsenic	30		1.0		ug/L		12/26/25 10:30	12/31/25 14:17	1
Barium	75		2.5		ug/L		12/26/25 10:30	12/30/25 16:36	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 16:36	1
Boron	3100		50		ug/L		12/26/25 10:30	12/30/25 16:36	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 16:36	1
Calcium	140		0.20		mg/L		12/26/25 10:30	12/30/25 16:36	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 16:36	1
Cobalt	1.1		1.0		ug/L		12/26/25 10:30	12/30/25 16:36	1
Lead	0.59		0.50		ug/L		12/26/25 10:30	12/30/25 16:36	1
Lithium	98		10		ug/L		12/26/25 10:30	12/30/25 16:36	1
Molybdenum	170		5.0		ug/L		12/26/25 10:30	12/30/25 16:36	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 16:36	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			12/31/25 17:30	10
Sulfate (EPA 300.0)	170		10		mg/L			12/31/25 17:30	10
Total Dissolved Solids (SM 2540C)	800		10		mg/L			12/29/25 00:23	1
Fluoride (SM 4500 F C)	0.15		0.10		mg/L			12/26/25 14:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	73.27				ft			12/23/25 13:46	1
Depth to Water (ft from MP)	76.01				ft			12/23/25 13:46	1
Elevation of well (ft from MP)	578.73				ft			12/23/25 13:46	1
Field pH	7.25				SU			12/23/25 13:46	1
Field Temperature	54.3				Degrees F			12/23/25 13:46	1
Ground Water Elevation	502.72				ft			12/23/25 13:46	1
Specific Conductance	1468				umhos/cm			12/23/25 13:46	1
Well bottom elevation	452.24				ft			12/23/25 13:46	1
Field Turbidity	78.60				NTU			12/23/25 13:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G44S

Lab Sample ID: 500-279082-20

Date Collected: 12/26/25 08:12

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0	F1	3.0		ug/L		12/29/25 07:59	12/30/25 13:17	1
Arsenic	<1.0	F1 F2	1.0		ug/L		12/29/25 07:59	12/30/25 13:17	1
Barium	71	F1 F2	2.5		ug/L		12/29/25 07:59	12/30/25 13:17	1
Beryllium	<1.0	F1	1.0		ug/L		12/29/25 07:59	12/31/25 11:54	1
Boron	1900	F2 F1	50		ug/L		12/29/25 07:59	12/31/25 11:54	1
Cadmium	<0.50	F1	0.50		ug/L		12/29/25 07:59	12/30/25 13:17	1
Calcium	140		0.20		mg/L		12/29/25 07:59	12/30/25 13:17	1
Chromium	<5.0	F1	5.0		ug/L		12/29/25 07:59	12/30/25 13:17	1
Cobalt	<1.0	F1	1.0		ug/L		12/29/25 07:59	12/30/25 13:17	1
Lead	<0.50	F1	0.50		ug/L		12/29/25 07:59	12/30/25 13:17	1
Lithium	27	F1 F2	10		ug/L		12/29/25 07:59	12/30/25 13:17	1
Molybdenum	230	F1 F2	5.0		ug/L		12/29/25 07:59	12/30/25 13:17	1
Selenium	<2.5	F1	2.5		ug/L		12/29/25 07:59	12/30/25 13:17	1
Thallium	<2.0	F1	2.0		ug/L		12/29/25 07:59	12/30/25 13:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	59		10		mg/L			12/31/25 17:38	10
Sulfate (EPA 300.0)	180		10		mg/L			12/31/25 17:38	10
Total Dissolved Solids (SM 2540C)	660		10		mg/L			12/29/25 00:26	1
Fluoride (SM 4500 F C)	0.32		0.10		mg/L			01/02/26 12:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	82.14				ft			12/26/25 08:12	1
Depth to Water (ft from MP)	84.32				ft			12/26/25 08:12	1
Elevation of well (ft from MP)	586.62				ft			12/26/25 08:12	1
Field pH	7.01				SU			12/26/25 08:12	1
Field Temperature	52.9				Degrees F			12/26/25 08:12	1
Ground Water Elevation	502.30				ft			12/26/25 08:12	1
Specific Conductance	1226				umhos/cm			12/26/25 08:12	1
Well bottom elevation	455.11				ft			12/26/25 08:12	1
Field Turbidity	2.40				NTU			12/26/25 08:12	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G39S

Lab Sample ID: 500-279082-21

Date Collected: 12/26/25 09:11

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 13:29	1
Arsenic	2.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:29	1
Barium	39		2.5		ug/L		12/29/25 07:59	12/30/25 13:29	1
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 12:18	1
Boron	1100		50		ug/L		12/29/25 07:59	12/31/25 12:18	1
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:29	1
Calcium	100		0.20		mg/L		12/29/25 07:59	12/30/25 13:29	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 13:29	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:29	1
Lead	0.74		0.50		ug/L		12/29/25 07:59	12/30/25 13:29	1
Lithium	25		10		ug/L		12/29/25 07:59	12/30/25 13:29	1
Molybdenum	35		5.0		ug/L		12/29/25 07:59	12/30/25 13:29	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 13:29	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 13:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	37		1.0		mg/L			12/31/25 18:02	1
Sulfate (EPA 300.0)	190		5.0		mg/L			12/31/25 18:10	5
Total Dissolved Solids (SM 2540C)	590		10		mg/L			12/29/25 00:28	1
Fluoride (SM 4500 F C)	0.29		0.10		mg/L			01/02/26 12:58	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	95.48				ft			12/26/25 09:11	1
Depth to Water (ft from MP)	97.56				ft			12/26/25 09:11	1
Elevation of well (ft from MP)	598.74				ft			12/26/25 09:11	1
Field pH	7.20				SU			12/26/25 09:11	1
Field Temperature	51.4				Degrees F			12/26/25 09:11	1
Ground Water Elevation	501.18				ft			12/26/25 09:11	1
Specific Conductance	797				umhos/cm			12/26/25 09:11	1
Well bottom elevation	454.15				ft			12/26/25 09:11	1
Field Turbidity	40.80				NTU			12/26/25 09:11	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G46S

Lab Sample ID: 500-279082-22

Date Collected: 12/26/25 10:03

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 13:32	1
Arsenic	61		1.0		ug/L		12/29/25 07:59	12/30/25 13:32	1
Barium	47		2.5		ug/L		12/29/25 07:59	12/30/25 13:32	1
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 12:20	1
Boron	9600		500		ug/L		12/29/25 07:59	12/31/25 11:44	10
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:32	1
Calcium	140		0.20		mg/L		12/29/25 07:59	12/30/25 13:32	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 13:32	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:32	1
Lead	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:32	1
Lithium	210		10		ug/L		12/29/25 07:59	12/30/25 13:32	1
Molybdenum	1200		5.0		ug/L		12/29/25 07:59	12/30/25 13:32	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 13:32	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 13:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	62		5.0		mg/L			01/02/26 11:34	5
Sulfate (EPA 300.0)	570		20		mg/L			01/02/26 11:42	20
Total Dissolved Solids (SM 2540C)	970		10		mg/L			12/29/25 00:31	1
Fluoride (SM 4500 F C)	0.27		0.10		mg/L			01/02/26 13:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	100.74				ft			12/26/25 10:03	1
Depth to Water (ft from MP)	103.44				ft			12/26/25 10:03	1
Elevation of well (ft from MP)	601.32				ft			12/26/25 10:03	1
Field pH	7.65				SU			12/26/25 10:03	1
Field Temperature	53.8				Degrees F			12/26/25 10:03	1
Ground Water Elevation	497.88				ft			12/26/25 10:03	1
Specific Conductance	1323				umhos/cm			12/26/25 10:03	1
Well bottom elevation	453.62				ft			12/26/25 10:03	1
Field Turbidity	57.60				NTU			12/26/25 10:03	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G45S

Lab Sample ID: 500-279082-23

Date Collected: 12/26/25 11:05

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 13:53	1
Arsenic	8.8		1.0		ug/L		12/29/25 07:59	12/30/25 13:53	1
Barium	38		2.5		ug/L		12/29/25 07:59	12/30/25 13:53	1
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 12:38	1
Boron	390		50		ug/L		12/29/25 07:59	12/31/25 12:38	1
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:53	1
Calcium	95		0.20		mg/L		12/29/25 07:59	12/30/25 13:53	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 13:53	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:53	1
Lead	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:53	1
Lithium	28		10		ug/L		12/29/25 07:59	12/30/25 13:53	1
Molybdenum	13		5.0		ug/L		12/29/25 07:59	12/30/25 13:53	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 13:53	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 13:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			01/02/26 11:50	10
Sulfate (EPA 300.0)	170		10		mg/L			01/02/26 11:50	10
Total Dissolved Solids (SM 2540C)	690		10		mg/L			12/29/25 00:33	1
Fluoride (SM 4500 F C)	0.41		0.10		mg/L			01/02/26 13:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	62.87				ft			12/26/25 11:05	1
Depth to Water (ft from MP)	65.84				ft			12/26/25 11:05	1
Elevation of well (ft from MP)	603.81				ft			12/26/25 11:05	1
Field pH	7.29				SU			12/26/25 11:05	1
Field Temperature	55.8				Degrees F			12/26/25 11:05	1
Ground Water Elevation	537.97				ft			12/26/25 11:05	1
Specific Conductance	1122				umhos/cm			12/26/25 11:05	1
Well bottom elevation	471.05				ft			12/26/25 11:05	1
Field Turbidity	0.16				NTU			12/26/25 11:05	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G48S

Lab Sample ID: 500-279082-24

Date Collected: 12/26/25 12:30

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 14:01	1
Arsenic	11		1.0		ug/L		12/29/25 07:59	12/30/25 14:01	1
Barium	20		2.5		ug/L		12/29/25 07:59	12/30/25 14:01	1
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 12:40	1
Boron	6500		250		ug/L		12/29/25 07:59	12/31/25 11:46	5
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 14:01	1
Calcium	23		0.20		mg/L		12/29/25 07:59	12/30/25 14:01	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 14:01	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 14:01	1
Lead	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 14:01	1
Lithium	22		10		ug/L		12/29/25 07:59	12/30/25 14:01	1
Molybdenum	530		5.0		ug/L		12/29/25 07:59	12/30/25 14:01	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 14:01	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 14:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	96		10		mg/L			01/02/26 12:14	10
Sulfate (EPA 300.0)	470		10		mg/L			01/02/26 12:14	10
Total Dissolved Solids (SM 2540C)	910		10		mg/L			12/30/25 05:24	1
Fluoride (SM 4500 F C)	1.0		0.10		mg/L			01/02/26 13:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	103.57				ft			12/26/25 12:30	1
Depth to Water (ft from MP)	106.02				ft			12/26/25 12:30	1
Elevation of well (ft from MP)	620.73				ft			12/26/25 12:30	1
Field pH	8.15				SU			12/26/25 12:30	1
Field Temperature	52.9				Degrees F			12/26/25 12:30	1
Ground Water Elevation	514.71				ft			12/26/25 12:30	1
Specific Conductance	1487				umhos/cm			12/26/25 12:30	1
Well bottom elevation	468.32				ft			12/26/25 12:30	1
Field Turbidity	1.06				NTU			12/26/25 12:30	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G47S

Lab Sample ID: 500-279082-25

Date Collected: 12/26/25 13:48

Matrix: Water

Date Received: 12/26/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 14:22	1
Arsenic	28		1.0		ug/L		12/29/25 07:59	12/30/25 14:22	1
Barium	15		2.5		ug/L		12/29/25 07:59	12/30/25 14:22	1
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 12:55	1
Boron	6800		250		ug/L		12/29/25 07:59	12/31/25 11:49	5
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 14:22	1
Calcium	11		0.20		mg/L		12/29/25 07:59	12/30/25 14:22	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 14:22	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 14:22	1
Lead	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 14:22	1
Lithium	57		10		ug/L		12/29/25 07:59	12/30/25 14:22	1
Molybdenum	530		5.0		ug/L		12/29/25 07:59	12/30/25 14:22	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 14:22	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 14:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	83		10		mg/L			01/02/26 12:22	10
Sulfate (EPA 300.0)	500		10		mg/L			01/02/26 12:22	10
Total Dissolved Solids (SM 2540C)	910		10		mg/L			12/30/25 05:32	1
Fluoride (SM 4500 F C)	0.62		0.10		mg/L			01/02/26 13:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to water from land surface	93.80				ft			12/26/25 13:48	1
Depth to Water (ft from MP)	96.30				ft			12/26/25 13:48	1
Elevation of well (ft from MP)	612.16				ft			12/26/25 13:48	1
Field pH	9.17				SU			12/26/25 13:48	1
Field Temperature	52.9				Degrees F			12/26/25 13:48	1
Ground Water Elevation	515.86				ft			12/26/25 13:48	1
Specific Conductance	1581				umhos/cm			12/26/25 13:48	1
Well bottom elevation	459.84				ft			12/26/25 13:48	1
Field Turbidity	0.32				NTU			12/26/25 13:48	1

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Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

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.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals

Prep Batch: 846416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total Recoverable	Water	3005A	
500-279082-2	T06S	Total Recoverable	Water	3005A	
MB 500-846416/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-846416/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-279082-1 MS	T09S	Total Recoverable	Water	3005A	
500-279082-1 MSD	T09S	Total Recoverable	Water	3005A	
500-279082-1 DU	T09S	Total Recoverable	Water	3005A	

Analysis Batch: 846784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total Recoverable	Water	6020B	846416
500-279082-2	T06S	Total Recoverable	Water	6020B	846416
MB 500-846416/1-A	Method Blank	Total Recoverable	Water	6020B	846416
LCS 500-846416/2-A	Lab Control Sample	Total Recoverable	Water	6020B	846416
500-279082-1 MS	T09S	Total Recoverable	Water	6020B	846416
500-279082-1 MSD	T09S	Total Recoverable	Water	6020B	846416
500-279082-1 DU	T09S	Total Recoverable	Water	6020B	846416

Prep Batch: 846826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	7470A	
500-279082-2	T06S	Total/NA	Water	7470A	
MB 500-846826/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-846826/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 846851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total Recoverable	Water	6020B	846416
500-279082-2	T06S	Total Recoverable	Water	6020B	846416
500-279082-1 MS	T09S	Total Recoverable	Water	6020B	846416
500-279082-1 MSD	T09S	Total Recoverable	Water	6020B	846416
500-279082-1 DU	T09S	Total Recoverable	Water	6020B	846416

Analysis Batch: 846990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	7470A	846826
500-279082-2	T06S	Total/NA	Water	7470A	846826
MB 500-846826/12-A	Method Blank	Total/NA	Water	7470A	846826
LCS 500-846826/13-A	Lab Control Sample	Total/NA	Water	7470A	846826

Prep Batch: 847046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total Recoverable	Water	3005A	
500-279082-4	T05S	Total Recoverable	Water	3005A	
MB 500-847046/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-847046/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 847154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	7470A	
500-279082-4	T05S	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals (Continued)

Prep Batch: 847154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-5	T05S Dup	Total/NA	Water	7470A	
MB 500-847154/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-847154/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 847166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-5	T05S Dup	Total Recoverable	Water	3005A	
MB 500-847166/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-847166/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 847324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total/NA	Water	7470A	
500-279082-7	G41S	Total/NA	Water	7470A	
MB 500-847324/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-847324/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 847341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	7470A	847154
500-279082-4	T05S	Total/NA	Water	7470A	847154
500-279082-5	T05S Dup	Total/NA	Water	7470A	847154
MB 500-847154/12-A	Method Blank	Total/NA	Water	7470A	847154
LCS 500-847154/13-A	Lab Control Sample	Total/NA	Water	7470A	847154

Prep Batch: 847368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total Recoverable	Water	3005A	
500-279082-7	G41S	Total Recoverable	Water	3005A	
MB 500-847368/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-847368/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 847460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total Recoverable	Water	3005A	
500-279082-9	T11S	Total Recoverable	Water	3005A	
500-279082-10	G33S	Total Recoverable	Water	3005A	
MB 500-847460/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-847460/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-279082-8 MS	T01S	Total Recoverable	Water	3005A	
500-279082-8 MSD	T01S	Total Recoverable	Water	3005A	
500-279082-8 DU	T01S	Total Recoverable	Water	3005A	

Analysis Batch: 847470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total Recoverable	Water	6020B	847046
500-279082-4	T05S	Total Recoverable	Water	6020B	847046
500-279082-5	T05S Dup	Total Recoverable	Water	6020B	847166
MB 500-847046/1-A	Method Blank	Total Recoverable	Water	6020B	847046
MB 500-847166/1-A	Method Blank	Total Recoverable	Water	6020B	847166
LCS 500-847046/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847046

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals (Continued)

Analysis Batch: 847470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-847166/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847166

Analysis Batch: 847512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total/NA	Water	7470A	847324
500-279082-7	G41S	Total/NA	Water	7470A	847324
MB 500-847324/12-A	Method Blank	Total/NA	Water	7470A	847324
LCS 500-847324/13-A	Lab Control Sample	Total/NA	Water	7470A	847324

Prep Batch: 847513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total/NA	Water	7470A	
500-279082-9	T11S	Total/NA	Water	7470A	
500-279082-10	G33S	Total/NA	Water	7470A	
MB 500-847513/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-847513/24-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 847645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total Recoverable	Water	6020B	847368
500-279082-7	G41S	Total Recoverable	Water	6020B	847368
MB 500-847368/1-A	Method Blank	Total Recoverable	Water	6020B	847368
LCS 500-847368/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847368

Analysis Batch: 847729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total/NA	Water	7470A	847513
500-279082-9	T11S	Total/NA	Water	7470A	847513
500-279082-10	G33S	Total/NA	Water	7470A	847513
MB 500-847513/12-A	Method Blank	Total/NA	Water	7470A	847513
LCS 500-847513/24-A	Lab Control Sample	Total/NA	Water	7470A	847513

Analysis Batch: 847852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total Recoverable	Water	6020B	847046
500-279082-4	T05S	Total Recoverable	Water	6020B	847046
500-279082-5	T05S Dup	Total Recoverable	Water	6020B	847166
500-279082-6	T08S	Total Recoverable	Water	6020B	847368
500-279082-7	G41S	Total Recoverable	Water	6020B	847368
500-279082-8	T01S	Total Recoverable	Water	6020B	847460
500-279082-9	T11S	Total Recoverable	Water	6020B	847460
500-279082-10	G33S	Total Recoverable	Water	6020B	847460
MB 500-847046/1-A	Method Blank	Total Recoverable	Water	6020B	847046
MB 500-847166/1-A	Method Blank	Total Recoverable	Water	6020B	847166
MB 500-847368/1-A	Method Blank	Total Recoverable	Water	6020B	847368
MB 500-847460/1-A	Method Blank	Total Recoverable	Water	6020B	847460
LCS 500-847046/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847046
LCS 500-847166/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847166
LCS 500-847368/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847368
LCS 500-847460/2-A	Lab Control Sample	Total Recoverable	Water	6020B	847460
500-279082-8 MS	T01S	Total Recoverable	Water	6020B	847460

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals (Continued)

Analysis Batch: 847852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8 MSD	T01S	Total Recoverable	Water	6020B	847460
500-279082-8 DU	T01S	Total Recoverable	Water	6020B	847460

Analysis Batch: 848043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total Recoverable	Water	6020B	847460
500-279082-8 MS	T01S	Total Recoverable	Water	6020B	847460
500-279082-8 MSD	T01S	Total Recoverable	Water	6020B	847460
500-279082-8 DU	T01S	Total Recoverable	Water	6020B	847460

Prep Batch: 848060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total Recoverable	Water	3005A	
500-279082-12	G20S	Total Recoverable	Water	3005A	
500-279082-13	G31S	Total Recoverable	Water	3005A	
MB 500-848060/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-848060/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 848096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total/NA	Water	7470A	
500-279082-12	G20S	Total/NA	Water	7470A	
500-279082-13	G31S	Total/NA	Water	7470A	
MB 500-848096/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-848096/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 848159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total Recoverable	Water	6020B	848060
500-279082-12	G20S	Total Recoverable	Water	6020B	848060
500-279082-13	G31S	Total Recoverable	Water	6020B	848060
MB 500-848060/1-A	Method Blank	Total Recoverable	Water	6020B	848060
LCS 500-848060/2-A	Lab Control Sample	Total Recoverable	Water	6020B	848060

Prep Batch: 848223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total Recoverable	Water	3005A	
500-279082-15	T13S	Total Recoverable	Water	3005A	
500-279082-16	T03S	Total Recoverable	Water	3005A	
500-279082-17	R32S	Total Recoverable	Water	3005A	
500-279082-18	R08S	Total Recoverable	Water	3005A	
500-279082-19	T12S	Total Recoverable	Water	3005A	
MB 500-848223/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-848223/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 848229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	7470A	
500-279082-15	T13S	Total/NA	Water	7470A	
500-279082-16	T03S	Total/NA	Water	7470A	
500-279082-17	R32S	Total/NA	Water	7470A	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals (Continued)

Prep Batch: 848229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-18	R08S	Total/NA	Water	7470A	
500-279082-19	T12S	Total/NA	Water	7470A	
MB 500-848229/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-848229/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 848242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total/NA	Water	7470A	848096
500-279082-12	G20S	Total/NA	Water	7470A	848096
500-279082-13	G31S	Total/NA	Water	7470A	848096
MB 500-848096/12-A	Method Blank	Total/NA	Water	7470A	848096
LCS 500-848096/13-A	Lab Control Sample	Total/NA	Water	7470A	848096

Prep Batch: 848329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total Recoverable	Water	3005A	
500-279082-21	G39S	Total Recoverable	Water	3005A	
500-279082-22	G46S	Total Recoverable	Water	3005A	
500-279082-23	G45S	Total Recoverable	Water	3005A	
500-279082-24	G48S	Total Recoverable	Water	3005A	
500-279082-25	G47S	Total Recoverable	Water	3005A	
MB 500-848329/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-848329/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-279082-20 MS	G44S	Total Recoverable	Water	3005A	
500-279082-20 MSD	G44S	Total Recoverable	Water	3005A	
500-279082-20 DU	G44S	Total Recoverable	Water	3005A	

Prep Batch: 848361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total/NA	Water	7470A	
500-279082-21	G39S	Total/NA	Water	7470A	
500-279082-22	G46S	Total/NA	Water	7470A	
500-279082-23	G45S	Total/NA	Water	7470A	
500-279082-24	G48S	Total/NA	Water	7470A	
500-279082-25	G47S	Total/NA	Water	7470A	
MB 500-848361/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-848361/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 848406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	7470A	848229
500-279082-15	T13S	Total/NA	Water	7470A	848229
500-279082-16	T03S	Total/NA	Water	7470A	848229
500-279082-17	R32S	Total/NA	Water	7470A	848229
500-279082-18	R08S	Total/NA	Water	7470A	848229
500-279082-19	T12S	Total/NA	Water	7470A	848229
MB 500-848229/12-A	Method Blank	Total/NA	Water	7470A	848229
LCS 500-848229/13-A	Lab Control Sample	Total/NA	Water	7470A	848229

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals

Analysis Batch: 848486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total Recoverable	Water	6020B	848060
500-279082-12	G20S	Total Recoverable	Water	6020B	848060
500-279082-13	G31S	Total Recoverable	Water	6020B	848060

Analysis Batch: 848563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total/NA	Water	7470A	848361
500-279082-21	G39S	Total/NA	Water	7470A	848361
500-279082-22	G46S	Total/NA	Water	7470A	848361
500-279082-23	G45S	Total/NA	Water	7470A	848361
500-279082-24	G48S	Total/NA	Water	7470A	848361
500-279082-25	G47S	Total/NA	Water	7470A	848361
MB 500-848361/12-A	Method Blank	Total/NA	Water	7470A	848361
LCS 500-848361/13-A	Lab Control Sample	Total/NA	Water	7470A	848361

Analysis Batch: 848646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total Recoverable	Water	6020B	848329
500-279082-21	G39S	Total Recoverable	Water	6020B	848329
500-279082-22	G46S	Total Recoverable	Water	6020B	848329
500-279082-23	G45S	Total Recoverable	Water	6020B	848329
500-279082-24	G48S	Total Recoverable	Water	6020B	848329
500-279082-25	G47S	Total Recoverable	Water	6020B	848329
MB 500-848329/1-A	Method Blank	Total Recoverable	Water	6020B	848329
LCS 500-848329/2-A	Lab Control Sample	Total Recoverable	Water	6020B	848329
500-279082-20 MS	G44S	Total Recoverable	Water	6020B	848329
500-279082-20 MSD	G44S	Total Recoverable	Water	6020B	848329
500-279082-20 DU	G44S	Total Recoverable	Water	6020B	848329

Analysis Batch: 848671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total Recoverable	Water	6020B	848223
500-279082-15	T13S	Total Recoverable	Water	6020B	848223
500-279082-16	T03S	Total Recoverable	Water	6020B	848223
500-279082-17	R32S	Total Recoverable	Water	6020B	848223
500-279082-18	R08S	Total Recoverable	Water	6020B	848223
500-279082-19	T12S	Total Recoverable	Water	6020B	848223
MB 500-848223/1-A	Method Blank	Total Recoverable	Water	6020B	848223
LCS 500-848223/2-A	Lab Control Sample	Total Recoverable	Water	6020B	848223

Analysis Batch: 848739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total Recoverable	Water	6020B	848223
500-279082-15	T13S	Total Recoverable	Water	6020B	848223
500-279082-16	T03S	Total Recoverable	Water	6020B	848223
500-279082-17	R32S	Total Recoverable	Water	6020B	848223
500-279082-18	R08S	Total Recoverable	Water	6020B	848223
500-279082-18	R08S	Total Recoverable	Water	6020B	848223
500-279082-19	T12S	Total Recoverable	Water	6020B	848223
500-279082-20	G44S	Total Recoverable	Water	6020B	848329
500-279082-21	G39S	Total Recoverable	Water	6020B	848329

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Metals (Continued)

Analysis Batch: 848739 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-22	G46S	Total Recoverable	Water	6020B	848329
500-279082-22	G46S	Total Recoverable	Water	6020B	848329
500-279082-23	G45S	Total Recoverable	Water	6020B	848329
500-279082-24	G48S	Total Recoverable	Water	6020B	848329
500-279082-24	G48S	Total Recoverable	Water	6020B	848329
500-279082-25	G47S	Total Recoverable	Water	6020B	848329
500-279082-25	G47S	Total Recoverable	Water	6020B	848329
MB 500-848223/1-A	Method Blank	Total Recoverable	Water	6020B	848223
MB 500-848329/1-A	Method Blank	Total Recoverable	Water	6020B	848329
LCS 500-848223/2-A	Lab Control Sample	Total Recoverable	Water	6020B	848223
LCS 500-848329/2-A	Lab Control Sample	Total Recoverable	Water	6020B	848329
500-279082-20 MS	G44S	Total Recoverable	Water	6020B	848329
500-279082-20 MSD	G44S	Total Recoverable	Water	6020B	848329
500-279082-20 DU	G44S	Total Recoverable	Water	6020B	848329

General Chemistry

Analysis Batch: 846666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	SM 4500 F C	
500-279082-2	T06S	Total/NA	Water	SM 4500 F C	
MB 500-846666/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-846666/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 846677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	SM 4500 Cl- E	
500-279082-2	T06S	Total/NA	Water	SM 4500 Cl- E	
MB 500-846677/67	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-846677/68	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-279082-2 MS	T06S	Total/NA	Water	SM 4500 Cl- E	
500-279082-2 MSD	T06S	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 846786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	SM 2540C	
500-279082-2	T06S	Total/NA	Water	SM 2540C	
MB 500-846786/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-846786/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 846934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	SM 4500 Cl- E	
500-279082-5	T05S Dup	Total/NA	Water	SM 4500 Cl- E	
MB 500-846934/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-846934/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 846935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	SM 4500 SO4 E	
500-279082-2	T06S	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

General Chemistry (Continued)

Analysis Batch: 846935 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	SM 4500 SO4 E	
500-279082-5	T05S Dup	Total/NA	Water	SM 4500 SO4 E	
MB 500-846935/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-846935/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-279082-2 MS	T06S	Total/NA	Water	SM 4500 SO4 E	
500-279082-2 MSD	T06S	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 847069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	SM 2540C	
500-279082-4	T05S	Total/NA	Water	SM 2540C	
500-279082-5	T05S Dup	Total/NA	Water	SM 2540C	
MB 500-847069/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-847069/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 847493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total/NA	Water	SM 2540C	
500-279082-7	G41S	Total/NA	Water	SM 2540C	
500-279082-8	T01S	Total/NA	Water	SM 2540C	
MB 500-847493/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-847493/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 847591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	SM 4500 F C	
500-279082-4	T05S	Total/NA	Water	SM 4500 F C	
500-279082-5	T05S Dup	Total/NA	Water	SM 4500 F C	
500-279082-6	T08S	Total/NA	Water	SM 4500 F C	
500-279082-7	G41S	Total/NA	Water	SM 4500 F C	
MB 500-847591/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-847591/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 847810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-9	T11S	Total/NA	Water	SM 2540C	
500-279082-10	G33S	Total/NA	Water	SM 2540C	
MB 500-847810/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-847810/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-279082-9 MS	T11S	Total/NA	Water	SM 2540C	
500-279082-9 DU	T11S	Total/NA	Water	SM 2540C	
500-279082-10 DU	G33S	Total/NA	Water	SM 2540C	

Analysis Batch: 847988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total/NA	Water	SM 2540C	
500-279082-12	G20S	Total/NA	Water	SM 2540C	
500-279082-13	G31S	Total/NA	Water	SM 2540C	
MB 500-847988/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-847988/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-279082-11 MS	G30S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

General Chemistry (Continued)

Analysis Batch: 847988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11 DU	G30S	Total/NA	Water	SM 2540C	
500-279082-12 DU	G20S	Total/NA	Water	SM 2540C	

Analysis Batch: 848178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total/NA	Water	SM 4500 F C	
500-279082-9	T11S	Total/NA	Water	SM 4500 F C	
500-279082-10	G33S	Total/NA	Water	SM 4500 F C	
500-279082-11	G30S	Total/NA	Water	SM 4500 F C	
500-279082-12	G20S	Total/NA	Water	SM 4500 F C	
500-279082-13	G31S	Total/NA	Water	SM 4500 F C	
MB 500-848178/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-848178/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-279082-8 MS	T01S	Total/NA	Water	SM 4500 F C	
500-279082-8 MSD	T01S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 848272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	SM 4500 F C	
500-279082-15	T13S	Total/NA	Water	SM 4500 F C	
500-279082-16	T03S	Total/NA	Water	SM 4500 F C	
500-279082-17	R32S	Total/NA	Water	SM 4500 F C	
500-279082-18	R08S	Total/NA	Water	SM 4500 F C	
500-279082-19	T12S	Total/NA	Water	SM 4500 F C	
MB 500-848272/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-848272/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-279082-19 MS	T12S	Total/NA	Water	SM 4500 F C	
500-279082-19 MSD	T12S	Total/NA	Water	SM 4500 F C	

Analysis Batch: 848293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	SM 2540C	
500-279082-15	T13S	Total/NA	Water	SM 2540C	
500-279082-16	T03S	Total/NA	Water	SM 2540C	
500-279082-17	R32S	Total/NA	Water	SM 2540C	
500-279082-18	R08S	Total/NA	Water	SM 2540C	
500-279082-19	T12S	Total/NA	Water	SM 2540C	
500-279082-20	G44S	Total/NA	Water	SM 2540C	
500-279082-21	G39S	Total/NA	Water	SM 2540C	
500-279082-22	G46S	Total/NA	Water	SM 2540C	
500-279082-23	G45S	Total/NA	Water	SM 2540C	
MB 500-848293/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-848293/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 848446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-24	G48S	Total/NA	Water	SM 2540C	
500-279082-25	G47S	Total/NA	Water	SM 2540C	
MB 500-848446/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-848446/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-279082-24 MS	G48S	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

General Chemistry (Continued)

Analysis Batch: 848446 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-24 DU	G48S	Total/NA	Water	SM 2540C	

Analysis Batch: 848716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-4	T05S	Total/NA	Water	300.0	
500-279082-6	T08S	Total/NA	Water	300.0	
500-279082-7	G41S	Total/NA	Water	300.0	
500-279082-8	T01S	Total/NA	Water	300.0	
500-279082-9	T11S	Total/NA	Water	300.0	
500-279082-10	G33S	Total/NA	Water	300.0	
500-279082-11	G30S	Total/NA	Water	300.0	
500-279082-12	G20S	Total/NA	Water	300.0	
500-279082-13	G31S	Total/NA	Water	300.0	
500-279082-14	G42S	Total/NA	Water	300.0	
500-279082-15	T13S	Total/NA	Water	300.0	
500-279082-16	T03S	Total/NA	Water	300.0	
500-279082-17	R32S	Total/NA	Water	300.0	
500-279082-18	R08S	Total/NA	Water	300.0	
500-279082-19	T12S	Total/NA	Water	300.0	
500-279082-20	G44S	Total/NA	Water	300.0	
500-279082-21	G39S	Total/NA	Water	300.0	
500-279082-21	G39S	Total/NA	Water	300.0	
MB 500-848716/3	Method Blank	Total/NA	Water	300.0	
LCS 500-848716/4	Lab Control Sample	Total/NA	Water	300.0	
500-279082-4 MS	T05S	Total/NA	Water	300.0	
500-279082-4 MSD	T05S	Total/NA	Water	300.0	

Analysis Batch: 848737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-22	G46S	Total/NA	Water	300.0	
500-279082-22	G46S	Total/NA	Water	300.0	
500-279082-23	G45S	Total/NA	Water	300.0	
500-279082-24	G48S	Total/NA	Water	300.0	
500-279082-25	G47S	Total/NA	Water	300.0	
MB 500-848737/3	Method Blank	Total/NA	Water	300.0	
LCS 500-848737/4	Lab Control Sample	Total/NA	Water	300.0	
500-279082-23 MS	G45S	Total/NA	Water	300.0	
500-279082-23 MSD	G45S	Total/NA	Water	300.0	

Analysis Batch: 848841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total/NA	Water	SM 4500 F C	
500-279082-21	G39S	Total/NA	Water	SM 4500 F C	
500-279082-22	G46S	Total/NA	Water	SM 4500 F C	
500-279082-23	G45S	Total/NA	Water	SM 4500 F C	
500-279082-24	G48S	Total/NA	Water	SM 4500 F C	
500-279082-25	G47S	Total/NA	Water	SM 4500 F C	
MB 500-848841/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-848841/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-279082-20 MS	G44S	Total/NA	Water	SM 4500 F C	
500-279082-20 MSD	G44S	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

General Chemistry

Analysis Batch: 848844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-10	G33S	Total/NA	Water	300.0	
MB 500-848844/3	Method Blank	Total/NA	Water	300.0	
LCS 500-848844/4	Lab Control Sample	Total/NA	Water	300.0	

Field Service / Mobile Lab

Analysis Batch: 847041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	Field Sampling	
500-279082-2	T06S	Total/NA	Water	Field Sampling	
500-279082-3	T02S	Total/NA	Water	Field Sampling	
500-279082-4	T05S	Total/NA	Water	Field Sampling	
500-279082-5	T05S Dup	Total/NA	Water	Field Sampling	
500-279082-6	T08S	Total/NA	Water	Field Sampling	
500-279082-7	G41S	Total/NA	Water	Field Sampling	
500-279082-8	T01S	Total/NA	Water	Field Sampling	
500-279082-9	T11S	Total/NA	Water	Field Sampling	
500-279082-10	G33S	Total/NA	Water	Field Sampling	
500-279082-11	G30S	Total/NA	Water	Field Sampling	
500-279082-12	G20S	Total/NA	Water	Field Sampling	
500-279082-13	G31S	Total/NA	Water	Field Sampling	
500-279082-14	G42S	Total/NA	Water	Field Sampling	
500-279082-15	T13S	Total/NA	Water	Field Sampling	
500-279082-16	T03S	Total/NA	Water	Field Sampling	
500-279082-17	R32S	Total/NA	Water	Field Sampling	
500-279082-18	R08S	Total/NA	Water	Field Sampling	
500-279082-19	T12S	Total/NA	Water	Field Sampling	
500-279082-20	G44S	Total/NA	Water	Field Sampling	
500-279082-21	G39S	Total/NA	Water	Field Sampling	
500-279082-22	G46S	Total/NA	Water	Field Sampling	
500-279082-23	G45S	Total/NA	Water	Field Sampling	
500-279082-24	G48S	Total/NA	Water	Field Sampling	
500-279082-25	G47S	Total/NA	Water	Field Sampling	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-846416/1-A

Matrix: Water

Analysis Batch: 846784

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Arsenic	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Barium	<2.5		2.5		ug/L		12/10/25 07:41	12/11/25 16:07	1
Beryllium	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Boron	<50		50		ug/L		12/10/25 07:41	12/11/25 16:07	1
Cadmium	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:07	1
Calcium	<0.20		0.20		mg/L		12/10/25 07:41	12/11/25 16:07	1
Chromium	<5.0		5.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Cobalt	<1.0		1.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Lead	<0.50		0.50		ug/L		12/10/25 07:41	12/11/25 16:07	1
Lithium	<10		10		ug/L		12/10/25 07:41	12/11/25 16:07	1
Molybdenum	<5.0		5.0		ug/L		12/10/25 07:41	12/11/25 16:07	1
Selenium	<2.5	^1+	2.5		ug/L		12/10/25 07:41	12/11/25 16:07	1
Thallium	<2.0		2.0		ug/L		12/10/25 07:41	12/11/25 16:07	1

Lab Sample ID: LCS 500-846416/2-A

Matrix: Water

Analysis Batch: 846784

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	521		ug/L		104	80 - 120
Arsenic	100	101		ug/L		101	80 - 120
Barium	2000	2170		ug/L		108	80 - 120
Beryllium	50.0	49.2		ug/L		98	80 - 120
Boron	1000	1070		ug/L		107	80 - 120
Cadmium	50.0	51.0		ug/L		102	80 - 120
Calcium	10.0	9.79		mg/L		98	80 - 120
Chromium	200	195		ug/L		98	80 - 120
Cobalt	500	515		ug/L		103	80 - 120
Lead	100	101		ug/L		101	80 - 120
Lithium	500	506		ug/L		101	80 - 120
Molybdenum	1000	1020		ug/L		102	80 - 120
Selenium	100	104	^1+	ug/L		104	80 - 120
Thallium	100	101		ug/L		101	80 - 120

Lab Sample ID: 500-279082-1 MS

Matrix: Water

Analysis Batch: 846784

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<3.0		500	522		ug/L		104	75 - 125
Arsenic	2.9		100	106		ug/L		103	75 - 125
Barium	62		2000	2160		ug/L		105	75 - 125
Beryllium	<1.0		50.0	47.9		ug/L		96	75 - 125
Cadmium	<0.50		50.0	50.1		ug/L		100	75 - 125
Calcium	140		10.0	146	4	mg/L		88	75 - 125
Chromium	<5.0		200	190		ug/L		94	75 - 125
Cobalt	<1.0		500	488		ug/L		97	75 - 125
Lead	<0.50		100	98.1		ug/L		98	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-1 MS

Matrix: Water

Analysis Batch: 846784

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	110		500	588		ug/L		96	75 - 125
Molybdenum	780		1000	1810		ug/L		103	75 - 125
Selenium	<2.5	^1+	100	98.6	^1+	ug/L		97	75 - 125
Thallium	<2.0		100	97.0		ug/L		97	75 - 125

Lab Sample ID: 500-279082-1 MS

Matrix: Water

Analysis Batch: 846851

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	5100		1000	6080	4	ug/L		96	75 - 125

Lab Sample ID: 500-279082-1 MSD

Matrix: Water

Analysis Batch: 846784

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<3.0		500	523		ug/L		105	75 - 125	0	20
Arsenic	2.9		100	107		ug/L		104	75 - 125	1	20
Barium	62		2000	2170		ug/L		106	75 - 125	1	20
Beryllium	<1.0		50.0	50.1		ug/L		100	75 - 125	5	20
Cadmium	<0.50		50.0	49.9		ug/L		100	75 - 125	0	20
Calcium	140		10.0	146	4	mg/L		91	75 - 125	0	20
Chromium	<5.0		200	191		ug/L		95	75 - 125	0	20
Cobalt	<1.0		500	488		ug/L		97	75 - 125	0	20
Lead	<0.50		100	98.7		ug/L		98	75 - 125	1	20
Lithium	110		500	591		ug/L		97	75 - 125	1	20
Molybdenum	780		1000	1810		ug/L		104	75 - 125	0	20
Selenium	<2.5	^1+	100	102	^1+	ug/L		101	75 - 125	4	20
Thallium	<2.0		100	97.4		ug/L		97	75 - 125	0	20

Lab Sample ID: 500-279082-1 MSD

Matrix: Water

Analysis Batch: 846851

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	5100		1000	6080	4	ug/L		95	75 - 125	0	20

Lab Sample ID: 500-279082-1 DU

Matrix: Water

Analysis Batch: 846784

Client Sample ID: T09S

Prep Type: Total Recoverable

Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<3.0		<3.0		ug/L		NC	20
Arsenic	2.9		2.86		ug/L		0.2	20
Barium	62		62.0		ug/L		0.1	20
Beryllium	<1.0		<1.0		ug/L		NC	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	140		137		mg/L		0.05	20
Chromium	<5.0		<5.0		ug/L		NC	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-1 DU

Matrix: Water

Analysis Batch: 846784

Client Sample ID: T09S
Prep Type: Total Recoverable
Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cobalt	<1.0		<1.0		ug/L		NC	20
Lead	<0.50		<0.50		ug/L		NC	20
Lithium	110		104		ug/L		2	20
Molybdenum	780		774		ug/L		0.3	20
Selenium	<2.5	^1+	<2.5	^1+	ug/L		NC	20
Thallium	<2.0		<2.0		ug/L		NC	20

Lab Sample ID: 500-279082-1 DU

Matrix: Water

Analysis Batch: 846851

Client Sample ID: T09S
Prep Type: Total Recoverable
Prep Batch: 846416

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	5100		4850		ug/L		6	20

Lab Sample ID: MB 500-847046/1-A

Matrix: Water

Analysis Batch: 847470

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 847046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Arsenic	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Barium	<2.5		2.5		ug/L		12/15/25 14:56	12/17/25 17:39	1
Beryllium	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Cadmium	<0.50		0.50		ug/L		12/15/25 14:56	12/17/25 17:39	1
Calcium	<0.20		0.20		mg/L		12/15/25 14:56	12/17/25 17:39	1
Chromium	<5.0		5.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Cobalt	<1.0		1.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Lead	<0.50		0.50		ug/L		12/15/25 14:56	12/17/25 17:39	1
Lithium	<10		10		ug/L		12/15/25 14:56	12/17/25 17:39	1
Molybdenum	<5.0		5.0		ug/L		12/15/25 14:56	12/17/25 17:39	1
Selenium	<2.5		2.5		ug/L		12/15/25 14:56	12/17/25 17:39	1
Thallium	<2.0		2.0		ug/L		12/15/25 14:56	12/17/25 17:39	1

Lab Sample ID: MB 500-847046/1-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 847046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		12/15/25 14:56	12/19/25 15:09	1

Lab Sample ID: LCS 500-847046/2-A

Matrix: Water

Analysis Batch: 847470

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 847046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	484		ug/L		97	80 - 120
Arsenic	100	91.3		ug/L		91	80 - 120
Barium	2000	1920		ug/L		96	80 - 120
Beryllium	50.0	51.9		ug/L		104	80 - 120
Cadmium	50.0	50.2		ug/L		100	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-847046/2-A

Matrix: Water

Analysis Batch: 847470

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	8.33		mg/L		83	80 - 120
Chromium	200	207		ug/L		104	80 - 120
Cobalt	500	524		ug/L		105	80 - 120
Lead	100	101		ug/L		101	80 - 120
Lithium	500	553		ug/L		111	80 - 120
Molybdenum	1000	954		ug/L		95	80 - 120
Selenium	100	93.8		ug/L		94	80 - 120
Thallium	100	104		ug/L		104	80 - 120

Lab Sample ID: LCS 500-847046/2-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	1000		ug/L		100	80 - 120

Lab Sample ID: MB 500-847166/1-A

Matrix: Water

Analysis Batch: 847470

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 847166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Arsenic	<1.0		1.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Barium	<2.5		2.5		ug/L		12/16/25 12:45	12/17/25 17:24	1
Beryllium	<1.0		1.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Cadmium	<0.50		0.50		ug/L		12/16/25 12:45	12/17/25 17:24	1
Calcium	<0.20		0.20		mg/L		12/16/25 12:45	12/17/25 17:24	1
Chromium	<5.0		5.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Cobalt	<1.0		1.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Lead	<0.50		0.50		ug/L		12/16/25 12:45	12/17/25 17:24	1
Molybdenum	<5.0		5.0		ug/L		12/16/25 12:45	12/17/25 17:24	1
Selenium	<2.5		2.5		ug/L		12/16/25 12:45	12/17/25 17:24	1
Thallium	<2.0		2.0		ug/L		12/16/25 12:45	12/17/25 17:24	1

Lab Sample ID: MB 500-847166/1-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 847166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		12/16/25 12:45	12/19/25 15:23	1
Lithium	<10		10		ug/L		12/16/25 12:45	12/19/25 15:23	1

Lab Sample ID: LCS 500-847166/2-A

Matrix: Water

Analysis Batch: 847470

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	505		ug/L		101	80 - 120
Arsenic	100	94.7		ug/L		95	80 - 120
Barium	2000	1960		ug/L		98	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-847166/2-A
Matrix: Water
Analysis Batch: 847470

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 847166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	52.3		ug/L		105	80 - 120
Cadmium	50.0	51.6		ug/L		103	80 - 120
Calcium	10.0	8.54		mg/L		85	80 - 120
Chromium	200	214		ug/L		107	80 - 120
Cobalt	500	536		ug/L		107	80 - 120
Lead	100	105		ug/L		105	80 - 120
Molybdenum	1000	981		ug/L		98	80 - 120
Selenium	100	97.6		ug/L		98	80 - 120
Thallium	100	108		ug/L		108	80 - 120

Lab Sample ID: LCS 500-847166/2-A
Matrix: Water
Analysis Batch: 847852

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 847166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	1000		ug/L		100	80 - 120
Lithium	500	495		ug/L		99	80 - 120

Lab Sample ID: MB 500-847368/1-A
Matrix: Water
Analysis Batch: 847645

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 847368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Arsenic	<1.0		1.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Barium	<2.5		2.5		ug/L		12/17/25 13:17	12/18/25 14:55	1
Beryllium	<1.0	^1+	1.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Cadmium	<0.50		0.50		ug/L		12/17/25 13:17	12/18/25 14:55	1
Calcium	<0.20		0.20		mg/L		12/17/25 13:17	12/18/25 14:55	1
Chromium	<5.0		5.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Cobalt	<1.0		1.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Lead	<0.50		0.50		ug/L		12/17/25 13:17	12/18/25 14:55	1
Lithium	<10		10		ug/L		12/17/25 13:17	12/18/25 14:55	1
Molybdenum	<5.0		5.0		ug/L		12/17/25 13:17	12/18/25 14:55	1
Selenium	<2.5		2.5		ug/L		12/17/25 13:17	12/18/25 14:55	1
Thallium	<2.0		2.0		ug/L		12/17/25 13:17	12/18/25 14:55	1

Lab Sample ID: MB 500-847368/1-A
Matrix: Water
Analysis Batch: 847852

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 847368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		12/17/25 13:17	12/19/25 15:13	1

Lab Sample ID: LCS 500-847368/2-A
Matrix: Water
Analysis Batch: 847645

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 847368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	493		ug/L		99	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-847368/2-A

Matrix: Water

Analysis Batch: 847645

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	94.9		ug/L		95	80 - 120
Barium	2000	2110		ug/L		106	80 - 120
Beryllium	50.0	46.0	^1+	ug/L		92	80 - 120
Cadmium	50.0	48.8		ug/L		98	80 - 120
Calcium	10.0	8.94		mg/L		89	80 - 120
Chromium	200	187		ug/L		93	80 - 120
Cobalt	500	482		ug/L		96	80 - 120
Lead	100	98.9		ug/L		99	80 - 120
Lithium	500	473		ug/L		95	80 - 120
Molybdenum	1000	945		ug/L		94	80 - 120
Selenium	100	93.8		ug/L		94	80 - 120
Thallium	100	102		ug/L		102	80 - 120

Lab Sample ID: LCS 500-847368/2-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	980		ug/L		98	80 - 120

Lab Sample ID: MB 500-847460/1-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Arsenic	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Barium	<2.5		2.5		ug/L		12/18/25 08:18	12/19/25 13:29	1
Beryllium	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Boron	<50		50		ug/L		12/18/25 08:18	12/19/25 13:29	1
Cadmium	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:29	1
Calcium	<0.20		0.20		mg/L		12/18/25 08:18	12/19/25 13:29	1
Chromium	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Cobalt	<1.0		1.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Lead	<0.50		0.50		ug/L		12/18/25 08:18	12/19/25 13:29	1
Lithium	<10		10		ug/L		12/18/25 08:18	12/19/25 13:29	1
Molybdenum	<5.0		5.0		ug/L		12/18/25 08:18	12/19/25 13:29	1
Selenium	<2.5	^1+	2.5		ug/L		12/18/25 08:18	12/19/25 13:29	1
Thallium	<2.0		2.0		ug/L		12/18/25 08:18	12/19/25 13:29	1

Lab Sample ID: LCS 500-847460/2-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	501		ug/L		100	80 - 120
Arsenic	100	97.8		ug/L		98	80 - 120
Barium	2000	2160		ug/L		108	80 - 120
Beryllium	50.0	49.0		ug/L		98	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-847460/2-A

Matrix: Water

Analysis Batch: 847852

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	963		ug/L		96	80 - 120
Cadmium	50.0	50.1		ug/L		100	80 - 120
Calcium	10.0	9.16		mg/L		92	80 - 120
Chromium	200	193		ug/L		97	80 - 120
Cobalt	500	495		ug/L		99	80 - 120
Lead	100	97.8		ug/L		98	80 - 120
Lithium	500	492		ug/L		98	80 - 120
Molybdenum	1000	974		ug/L		97	80 - 120
Selenium	100	105	^1+	ug/L		105	80 - 120
Thallium	100	102		ug/L		102	80 - 120

Lab Sample ID: 500-279082-8 MS

Matrix: Water

Analysis Batch: 847852

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<3.0		500	503		ug/L		101	75 - 125
Arsenic	9.3		100	111		ug/L		102	75 - 125
Barium	59		2000	2200		ug/L		107	75 - 125
Beryllium	<1.0		50.0	47.6		ug/L		95	75 - 125
Cadmium	<0.50		50.0	49.7		ug/L		99	75 - 125
Calcium	50		10.0	57.6	4	mg/L		80	75 - 125
Chromium	8.6		200	195		ug/L		93	75 - 125
Cobalt	4.5		500	482		ug/L		95	75 - 125
Lead	3.2		100	98.9		ug/L		96	75 - 125
Lithium	17		500	483		ug/L		93	75 - 125
Molybdenum	320		1000	1330		ug/L		100	75 - 125
Selenium	<2.5	^1+	100	101	^1+	ug/L		100	75 - 125
Thallium	<2.0		100	99.9		ug/L		100	75 - 125

Lab Sample ID: 500-279082-8 MS

Matrix: Water

Analysis Batch: 848043

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	4400		1000	5310	4	ug/L		93	75 - 125

Lab Sample ID: 500-279082-8 MSD

Matrix: Water

Analysis Batch: 847852

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<3.0		500	510		ug/L		102	75 - 125	1	20
Arsenic	9.3		100	110		ug/L		101	75 - 125	1	20
Barium	59		2000	2190		ug/L		107	75 - 125	0	20
Beryllium	<1.0		50.0	47.4		ug/L		95	75 - 125	0	20
Cadmium	<0.50		50.0	50.4		ug/L		101	75 - 125	1	20
Calcium	50		10.0	58.9	4	mg/L		93	75 - 125	2	20
Chromium	8.6		200	198		ug/L		95	75 - 125	2	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-8 MSD

Matrix: Water

Analysis Batch: 847852

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	4.5		500	487		ug/L		96	75 - 125	1	20
Lead	3.2		100	99.7		ug/L		96	75 - 125	1	20
Lithium	17		500	489		ug/L		94	75 - 125	1	20
Molybdenum	320		1000	1350		ug/L		103	75 - 125	2	20
Selenium	<2.5	^1+	100	101	^1+	ug/L		100	75 - 125	0	20
Thallium	<2.0		100	99.5		ug/L		100	75 - 125	0	20

Lab Sample ID: 500-279082-8 MSD

Matrix: Water

Analysis Batch: 848043

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4400		1000	5480	4	ug/L		111	75 - 125	3	20

Lab Sample ID: 500-279082-8 DU

Matrix: Water

Analysis Batch: 847852

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<3.0		<3.0		ug/L		NC	20
Arsenic	9.3		9.40		ug/L		1	20
Barium	59		59.4		ug/L		0.4	20
Beryllium	<1.0		<1.0		ug/L		NC	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	50		49.2		mg/L		0.8	20
Chromium	8.6		7.87		ug/L		9	20
Cobalt	4.5		4.39		ug/L		2	20
Lead	3.2		3.05		ug/L		4	20
Lithium	17		15.9		ug/L		6	20
Molybdenum	320		320		ug/L		0.5	20
Selenium	<2.5	^1+	<2.5	^1+	ug/L		NC	20
Thallium	<2.0		<2.0		ug/L		NC	20

Lab Sample ID: 500-279082-8 DU

Matrix: Water

Analysis Batch: 848043

Client Sample ID: T01S

Prep Type: Total Recoverable

Prep Batch: 847460

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	4400		4280		ug/L		2	20

Lab Sample ID: MB 500-848060/1-A

Matrix: Water

Analysis Batch: 848159

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 848060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Arsenic	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Barium	<2.5		2.5		ug/L		12/23/25 09:16	12/23/25 17:22	1
Beryllium	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Boron	<50		50		ug/L		12/23/25 09:16	12/23/25 17:22	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: MB 500-848060/1-A

Matrix: Water

Analysis Batch: 848159

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 848060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:22	1
Calcium	<0.20		0.20		mg/L		12/23/25 09:16	12/23/25 17:22	1
Chromium	<5.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Cobalt	<1.0		1.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Lead	<0.50		0.50		ug/L		12/23/25 09:16	12/23/25 17:22	1
Lithium	<10		10		ug/L		12/23/25 09:16	12/23/25 17:22	1
Molybdenum	<5.0		5.0		ug/L		12/23/25 09:16	12/23/25 17:22	1
Selenium	<2.5		2.5		ug/L		12/23/25 09:16	12/23/25 17:22	1
Thallium	<2.0		2.0		ug/L		12/23/25 09:16	12/23/25 17:22	1

Lab Sample ID: LCS 500-848060/2-A

Matrix: Water

Analysis Batch: 848159

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 848060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	537		ug/L		107	80 - 120
Arsenic	100	102		ug/L		102	80 - 120
Barium	500	509		ug/L		102	80 - 120
Beryllium	50.0	50.3		ug/L		101	80 - 120
Boron	1000	1030		ug/L		103	80 - 120
Cadmium	50.0	51.2		ug/L		102	80 - 120
Calcium	10.0	9.48		mg/L		95	80 - 120
Chromium	200	197		ug/L		98	80 - 120
Cobalt	500	531		ug/L		106	80 - 120
Lead	100	102		ug/L		102	80 - 120
Lithium	100	104		ug/L		104	80 - 120
Molybdenum	1000	1010		ug/L		101	80 - 120
Selenium	100	106		ug/L		106	80 - 120
Thallium	100	99.0		ug/L		99	80 - 120

Lab Sample ID: MB 500-848223/1-A

Matrix: Water

Analysis Batch: 848671

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 848223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/26/25 10:30	12/30/25 15:19	1
Barium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 15:19	1
Beryllium	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 15:19	1
Boron	<50		50		ug/L		12/26/25 10:30	12/30/25 15:19	1
Cadmium	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 15:19	1
Calcium	<0.20		0.20		mg/L		12/26/25 10:30	12/30/25 15:19	1
Chromium	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 15:19	1
Cobalt	<1.0		1.0		ug/L		12/26/25 10:30	12/30/25 15:19	1
Lead	<0.50		0.50		ug/L		12/26/25 10:30	12/30/25 15:19	1
Molybdenum	<5.0		5.0		ug/L		12/26/25 10:30	12/30/25 15:19	1
Selenium	<2.5		2.5		ug/L		12/26/25 10:30	12/30/25 15:19	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: MB 500-848223/1-A
Matrix: Water
Analysis Batch: 848739

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 848223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<1.0		1.0		ug/L		12/26/25 10:30	12/31/25 13:20	1
Lithium	<10		10		ug/L		12/26/25 10:30	12/31/25 13:20	1
Thallium	<2.0		2.0		ug/L		12/26/25 10:30	12/31/25 13:20	1

Lab Sample ID: LCS 500-848223/2-A
Matrix: Water
Analysis Batch: 848671

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 848223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	518		ug/L		104	80 - 120
Barium	2000	1890		ug/L		94	80 - 120
Beryllium	50.0	49.5		ug/L		99	80 - 120
Boron	1000	986		ug/L		99	80 - 120
Cadmium	50.0	51.9		ug/L		104	80 - 120
Calcium	10.0	8.70		mg/L		87	80 - 120
Chromium	200	202		ug/L		101	80 - 120
Cobalt	500	495		ug/L		99	80 - 120
Lead	100	103		ug/L		103	80 - 120
Molybdenum	1000	915		ug/L		91	80 - 120
Selenium	100	98.3		ug/L		98	80 - 120

Lab Sample ID: LCS 500-848223/2-A
Matrix: Water
Analysis Batch: 848739

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 848223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	103		ug/L		103	80 - 120
Lithium	500	519		ug/L		104	80 - 120
Thallium	100	104		ug/L		104	80 - 120

Lab Sample ID: MB 500-848329/1-A
Matrix: Water
Analysis Batch: 848646

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 848329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		12/29/25 07:59	12/30/25 13:13	1
Arsenic	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:13	1
Barium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 13:13	1
Cadmium	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:13	1
Calcium	<0.20		0.20		mg/L		12/29/25 07:59	12/30/25 13:13	1
Chromium	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 13:13	1
Cobalt	<1.0		1.0		ug/L		12/29/25 07:59	12/30/25 13:13	1
Lead	<0.50		0.50		ug/L		12/29/25 07:59	12/30/25 13:13	1
Lithium	<10		10		ug/L		12/29/25 07:59	12/30/25 13:13	1
Molybdenum	<5.0		5.0		ug/L		12/29/25 07:59	12/30/25 13:13	1
Selenium	<2.5		2.5		ug/L		12/29/25 07:59	12/30/25 13:13	1
Thallium	<2.0		2.0		ug/L		12/29/25 07:59	12/30/25 13:13	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: MB 500-848329/1-A

Matrix: Water

Analysis Batch: 848739

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<1.0		1.0		ug/L		12/29/25 07:59	12/31/25 11:39	1
Boron	<50		50		ug/L		12/29/25 07:59	12/31/25 11:39	1

Lab Sample ID: LCS 500-848329/2-A

Matrix: Water

Analysis Batch: 848646

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	503		ug/L		101	80 - 120
Arsenic	100	96.6		ug/L		97	80 - 120
Barium	2000	2050		ug/L		102	80 - 120
Cadmium	50.0	49.9		ug/L		100	80 - 120
Calcium	10.0	8.46		mg/L		85	80 - 120
Chromium	200	195		ug/L		98	80 - 120
Cobalt	500	484		ug/L		97	80 - 120
Lead	100	98.4		ug/L		98	80 - 120
Lithium	500	492		ug/L		98	80 - 120
Molybdenum	1000	960		ug/L		96	80 - 120
Selenium	100	95.0		ug/L		95	80 - 120
Thallium	100	98.6		ug/L		99	80 - 120

Lab Sample ID: LCS 500-848329/2-A

Matrix: Water

Analysis Batch: 848739

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	51.2		ug/L		102	80 - 120
Boron	1000	1020		ug/L		102	80 - 120

Lab Sample ID: 500-279082-20 MS

Matrix: Water

Analysis Batch: 848646

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<3.0	F1	500	526		ug/L		105	75 - 125
Arsenic	<1.0	F1 F2	100	102		ug/L		102	75 - 125
Barium	71	F1 F2	2000	2140		ug/L		104	75 - 125
Cadmium	<0.50	F1	50.0	51.4		ug/L		103	75 - 125
Calcium	140		10.0	148	4	mg/L		81	75 - 125
Chromium	<5.0	F1	200	199		ug/L		100	75 - 125
Cobalt	<1.0	F1	500	500		ug/L		100	75 - 125
Lead	<0.50	F1	100	101		ug/L		101	75 - 125
Lithium	27	F1 F2	500	526		ug/L		100	75 - 125
Molybdenum	230	F1 F2	1000	1240		ug/L		101	75 - 125
Selenium	<2.5	F1	100	97.5		ug/L		97	75 - 125
Thallium	<2.0	F1	100	101		ug/L		101	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-20 MS

Matrix: Water

Analysis Batch: 848739

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<1.0	F1	50.0	48.5		ug/L		97	75 - 125
Boron	1900	F2 F1	1000	2990		ug/L		105	75 - 125

Lab Sample ID: 500-279082-20 MSD

Matrix: Water

Analysis Batch: 848646

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<3.0	F1	500	<3.0	F1	ug/L		0	75 - 125	NC	20
Arsenic	<1.0	F1 F2	100	<1.0	F1 F2	ug/L		0.02	75 - 125	199	20
Barium	71	F1 F2	2000	68.7	F1 F2	ug/L		-0.1	75 - 125	188	20
Cadmium	<0.50	F1	50.0	<0.50	F1	ug/L		0	75 - 125	NC	20
Calcium	140		10.0	135	4	mg/L		-53	75 - 125	9	20
Chromium	<5.0	F1	200	<5.0	F1	ug/L		0	75 - 125	NC	20
Cobalt	<1.0	F1	500	<1.0	F1	ug/L		0	75 - 125	NC	20
Lead	<0.50	F1	100	<0.50	F1	ug/L		0	75 - 125	NC	20
Lithium	27	F1 F2	500	26.8	F1 F2	ug/L		-0.07	75 - 125	181	20
Molybdenum	230	F1 F2	1000	223	F1 F2	ug/L		-0.7	75 - 125	139	20
Selenium	<2.5	F1	100	<2.5	F1	ug/L		0	75 - 125	NC	20
Thallium	<2.0	F1	100	<2.0	F1	ug/L		0	75 - 125	NC	20

Lab Sample ID: 500-279082-20 MSD

Matrix: Water

Analysis Batch: 848739

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<1.0	F1	50.0	<1.0	F1	ug/L		0	75 - 125	NC	20
Boron	1900	F2 F1	1000	1880	F2 F1	ug/L		-6	75 - 125	46	20

Lab Sample ID: 500-279082-20 DU

Matrix: Water

Analysis Batch: 848646

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<3.0	F1	<3.0		ug/L		NC	20
Arsenic	<1.0	F1 F2	<1.0		ug/L		NC	20
Barium	71	F1 F2	69.6		ug/L		1	20
Cadmium	<0.50	F1	<0.50		ug/L		NC	20
Calcium	140		137		mg/L		2	20
Chromium	<5.0	F1	<5.0		ug/L		NC	20
Cobalt	<1.0	F1	<1.0		ug/L		NC	20
Lead	<0.50	F1	<0.50		ug/L		NC	20
Lithium	27	F1 F2	26.2		ug/L		4	20
Molybdenum	230	F1 F2	225		ug/L		3	20
Selenium	<2.5	F1	<2.5		ug/L		NC	20
Thallium	<2.0	F1	<2.0		ug/L		NC	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-20 DU

Matrix: Water

Analysis Batch: 848739

Client Sample ID: G44S

Prep Type: Total Recoverable

Prep Batch: 848329

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Beryllium	<1.0	F1	<1.0		ug/L		NC	20
Boron	1900	F2 F1	1930		ug/L		0.9	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-846826/12-A

Matrix: Water

Analysis Batch: 846990

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 846826

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/12/25 11:10	12/15/25 09:00	1

Lab Sample ID: LCS 500-846826/13-A

Matrix: Water

Analysis Batch: 846990

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 846826

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.09		ug/L		104	80 - 120

Lab Sample ID: MB 500-847154/12-A

Matrix: Water

Analysis Batch: 847341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 847154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/16/25 10:55	12/17/25 09:53	1

Lab Sample ID: LCS 500-847154/13-A

Matrix: Water

Analysis Batch: 847341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 847154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.18		ug/L		109	80 - 120

Lab Sample ID: MB 500-847324/12-A

Matrix: Water

Analysis Batch: 847512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 847324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/17/25 10:30	12/18/25 08:45	1

Lab Sample ID: LCS 500-847324/13-A

Matrix: Water

Analysis Batch: 847512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 847324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.18		ug/L		109	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: MB 500-847513/12-A
Matrix: Water
Analysis Batch: 847729

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/18/25 11:30	12/19/25 10:53	1

Lab Sample ID: LCS 500-847513/24-A
Matrix: Water
Analysis Batch: 847729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.84		ug/L		92	80 - 120

Lab Sample ID: MB 500-848096/12-A
Matrix: Water
Analysis Batch: 848242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/23/25 11:00	12/26/25 09:38	1

Lab Sample ID: LCS 500-848096/13-A
Matrix: Water
Analysis Batch: 848242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.11		ug/L		105	80 - 120

Lab Sample ID: MB 500-848229/12-A
Matrix: Water
Analysis Batch: 848406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/26/25 10:10	12/29/25 11:19	1

Lab Sample ID: LCS 500-848229/13-A
Matrix: Water
Analysis Batch: 848406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848229

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	2.18		ug/L		109	80 - 120

Lab Sample ID: MB 500-848361/12-A
Matrix: Water
Analysis Batch: 848563

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		12/29/25 09:25	12/30/25 11:48	1

Lab Sample ID: LCS 500-848361/13-A
Matrix: Water
Analysis Batch: 848563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.87		ug/L		93	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-848716/3

Matrix: Water

Analysis Batch: 848716

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			12/31/25 14:48	1
Sulfate	<1.0		1.0		mg/L			12/31/25 14:48	1

Lab Sample ID: LCS 500-848716/4

Matrix: Water

Analysis Batch: 848716

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		98	90 - 110
Sulfate	20.0	21.8		mg/L		109	90 - 110

Lab Sample ID: 500-279082-4 MS

Matrix: Water

Analysis Batch: 848716

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100		200	300		mg/L		99	80 - 120
Sulfate	640		200	870		mg/L		116	80 - 120

Lab Sample ID: 500-279082-4 MSD

Matrix: Water

Analysis Batch: 848716

Client Sample ID: T05S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100		200	298		mg/L		98	80 - 120	1	20
Sulfate	640		200	856		mg/L		110	80 - 120	2	20

Lab Sample ID: MB 500-848737/3

Matrix: Water

Analysis Batch: 848737

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			01/02/26 11:18	1
Sulfate	<1.0		1.0		mg/L			01/02/26 11:18	1

Lab Sample ID: LCS 500-848737/4

Matrix: Water

Analysis Batch: 848737

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	90 - 110
Sulfate	20.0	21.9		mg/L		110	90 - 110

Lab Sample ID: 500-279082-23 MS

Matrix: Water

Analysis Batch: 848737

Client Sample ID: G45S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	130		100	235		mg/L		107	80 - 120
Sulfate	170		100	291		mg/L		118	80 - 120

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 500-279082-23 MSD

Matrix: Water

Analysis Batch: 848737

Client Sample ID: G45S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		100	229		mg/L		101	80 - 120	3	20
Sulfate	170		100	284		mg/L		111	80 - 120	2	20

Lab Sample ID: MB 500-848844/3

Matrix: Water

Analysis Batch: 848844

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			01/05/26 15:48	1

Lab Sample ID: LCS 500-848844/4

Matrix: Water

Analysis Batch: 848844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20.0	20.8		mg/L		104	90 - 110

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

Lab Sample ID: MB 500-846786/1

Matrix: Water

Analysis Batch: 846786

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			12/12/25 08:47	1

Lab Sample ID: LCS 500-846786/2

Matrix: Water

Analysis Batch: 846786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-847069/1

Matrix: Water

Analysis Batch: 847069

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			12/16/25 04:07	1

Lab Sample ID: LCS 500-847069/2

Matrix: Water

Analysis Batch: 847069

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	272		mg/L		109	80 - 120

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: MB 500-847493/1

Matrix: Water

Analysis Batch: 847493

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			12/18/25 09:33	1

Lab Sample ID: LCS 500-847493/2

Matrix: Water

Analysis Batch: 847493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	286		mg/L		114	80 - 120

Lab Sample ID: MB 500-847810/1

Matrix: Water

Analysis Batch: 847810

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			12/22/25 06:07	1

Lab Sample ID: LCS 500-847810/2

Matrix: Water

Analysis Batch: 847810

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	272		mg/L		109	80 - 120

Lab Sample ID: 500-279082-9 MS

Matrix: Water

Analysis Batch: 847810

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	570		250	882		mg/L		124	75 - 125

Lab Sample ID: 500-279082-9 DU

Matrix: Water

Analysis Batch: 847810

Client Sample ID: T11S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	570		562		mg/L		2	5

Lab Sample ID: 500-279082-10 DU

Matrix: Water

Analysis Batch: 847810

Client Sample ID: G33S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	410		422		mg/L		2	5

Lab Sample ID: MB 500-847988/1

Matrix: Water

Analysis Batch: 847988

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			12/23/25 07:02	1

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-847988/2

Matrix: Water

Analysis Batch: 847988

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	264		mg/L		106	80 - 120

Lab Sample ID: 500-279082-11 MS

Matrix: Water

Analysis Batch: 847988

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1300		250	1610	4	mg/L		118	75 - 125

Lab Sample ID: 500-279082-11 DU

Matrix: Water

Analysis Batch: 847988

Client Sample ID: G30S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1280		mg/L		3	5

Lab Sample ID: 500-279082-12 DU

Matrix: Water

Analysis Batch: 847988

Client Sample ID: G20S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	380		398		mg/L		4	5

Lab Sample ID: MB 500-848293/1

Matrix: Water

Analysis Batch: 848293

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			12/28/25 23:37	1

Lab Sample ID: LCS 500-848293/2

Matrix: Water

Analysis Batch: 848293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-848446/1

Matrix: Water

Analysis Batch: 848446

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			12/30/25 05:19	1

Lab Sample ID: LCS 500-848446/2

Matrix: Water

Analysis Batch: 848446

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	276		mg/L		110	80 - 120

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: 500-279082-24 MS

Matrix: Water

Analysis Batch: 848446

Client Sample ID: G48S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	910		250	1190		mg/L		112	75 - 125

Lab Sample ID: 500-279082-24 DU

Matrix: Water

Analysis Batch: 848446

Client Sample ID: G48S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	910		958		mg/L		5	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-846677/67

Matrix: Water

Analysis Batch: 846677

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			12/11/25 11:11	1

Lab Sample ID: LCS 500-846677/68

Matrix: Water

Analysis Batch: 846677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: 500-279082-2 MS

Matrix: Water

Analysis Batch: 846677

Client Sample ID: T06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14	F1	20.0	28.3	F1	mg/L		73	75 - 125

Lab Sample ID: 500-279082-2 MSD

Matrix: Water

Analysis Batch: 846677

Client Sample ID: T06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14	F1	20.0	28.4	F1	mg/L		74	75 - 125	0	20

Lab Sample ID: MB 500-846934/16

Matrix: Water

Analysis Batch: 846934

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			12/14/25 09:11	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

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

Lab Sample ID: LCS 500-846934/17

Matrix: Water

Analysis Batch: 846934

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.2		mg/L		101	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-846666/3

Matrix: Water

Analysis Batch: 846666

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/11/25 09:55	1

Lab Sample ID: LCS 500-846666/4

Matrix: Water

Analysis Batch: 846666

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	8.99		mg/L		90	90 - 119

Lab Sample ID: MB 500-847591/3

Matrix: Water

Analysis Batch: 847591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/18/25 15:13	1

Lab Sample ID: LCS 500-847591/4

Matrix: Water

Analysis Batch: 847591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.0		mg/L		100	90 - 119

Lab Sample ID: MB 500-848178/3

Matrix: Water

Analysis Batch: 848178

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/23/25 12:22	1

Lab Sample ID: LCS 500-848178/4

Matrix: Water

Analysis Batch: 848178

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	9.59		mg/L		96	90 - 119

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 500-279082-8 MS

Matrix: Water

Analysis Batch: 848178

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.3		5.00	6.26		mg/L		100	75 - 125

Lab Sample ID: 500-279082-8 MSD

Matrix: Water

Analysis Batch: 848178

Client Sample ID: T01S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.3		5.00	6.63		mg/L		107	75 - 125	6	20

Lab Sample ID: MB 500-848272/3

Matrix: Water

Analysis Batch: 848272

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			12/26/25 13:12	1

Lab Sample ID: LCS 500-848272/4

Matrix: Water

Analysis Batch: 848272

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	9.77		mg/L		98	90 - 119

Lab Sample ID: 500-279082-19 MS

Matrix: Water

Analysis Batch: 848272

Client Sample ID: T12S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.15		5.00	5.25		mg/L		102	75 - 125

Lab Sample ID: 500-279082-19 MSD

Matrix: Water

Analysis Batch: 848272

Client Sample ID: T12S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.15		5.00	5.51		mg/L		107	75 - 125	5	20

Lab Sample ID: MB 500-848841/3

Matrix: Water

Analysis Batch: 848841

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			01/02/26 12:42	1

Lab Sample ID: LCS 500-848841/4

Matrix: Water

Analysis Batch: 848841

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	9.87		mg/L		99	90 - 119

Eurofins Chicago

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: 500-279082-20 MS

Matrix: Water

Analysis Batch: 848841

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.32		5.00	5.39		mg/L		101	75 - 125

Lab Sample ID: 500-279082-20 MSD

Matrix: Water

Analysis Batch: 848841

Client Sample ID: G44S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.32		5.00	5.48		mg/L		103	75 - 125	2	20

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-846935/16

Matrix: Water

Analysis Batch: 846935

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			12/14/25 10:16	1

Lab Sample ID: LCS 500-846935/17

Matrix: Water

Analysis Batch: 846935

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	21.3		mg/L		107	88 - 123

Lab Sample ID: 500-279082-2 MS

Matrix: Water

Analysis Batch: 846935

Client Sample ID: T06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	99	F1	20.0	112	4	mg/L		67	75 - 125

Lab Sample ID: 500-279082-2 MSD

Matrix: Water

Analysis Batch: 846935

Client Sample ID: T06S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	99	F1	20.0	114	4	mg/L		69	75 - 125	1	20

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4
5

12/11/17 54

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins

Client Information		Sampler Noe Lopez / <i>Tyler W.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1																			
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page																			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-279082</i>																	
Address 1800 Channahon Road		Due Date Requested		 500-279082 COC						Preservation Codes D HNO3 N - None																	
City Joliet		TAT Requested (days)								Other:																	
State Zip IL, 60436		Compliance Project. ☐ Yes ☐ No																									
Phone		PO # 4502187984																									
Email james.thorne@nrg.com		WO #																									
Project Name Joliet #9 CCR 4Q25		Project # 50011504		Total Number of containers						Special Instructions/Note.																	
Site Illinois		SSOW#																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228 - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note.	

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Ver 05/06/2024 01/07/26

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-1

Login Number: 279082

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

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	0.9,2.3,2.7,0.6,0.9,1.2,2.2,1.4,0.8
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.

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T09S

Date Collected: 12/09/25 11:28

Date Received: 12/09/25 15:17

Lab Sample ID: 500-279082-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			846416	BDE	EET CHI	12/10/25 07:41 - 12/10/25 13:41 ¹
Total Recoverable	Analysis	6020B		1	846784	RN	EET CHI	12/11/25 16:12
Total Recoverable	Prep	3005A			846416	BDE	EET CHI	12/10/25 07:41 - 12/10/25 13:41 ¹
Total Recoverable	Analysis	6020B		5	846851	RN	EET CHI	12/12/25 12:18
Total/NA	Prep	7470A			846826	MJG	EET CHI	12/12/25 11:10 - 12/12/25 13:10 ¹
Total/NA	Analysis	7470A		1	846990	MJG	EET CHI	12/15/25 09:35
Total/NA	Analysis	SM 2540C		1	846786	CLB	EET CHI	12/12/25 09:20
Total/NA	Analysis	SM 4500 CI- E		2	846677	TR	EET CHI	12/11/25 11:43
Total/NA	Analysis	SM 4500 F C		1	846666	AC	EET CHI	12/11/25 10:56
Total/NA	Analysis	SM 4500 SO4 E		20	846935	TR	EET CHI	12/14/25 10:29
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/09/25 11:28

Client Sample ID: T06S

Date Collected: 12/09/25 13:30

Date Received: 12/09/25 15:17

Lab Sample ID: 500-279082-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			846416	BDE	EET CHI	12/10/25 07:41 - 12/10/25 13:41 ¹
Total Recoverable	Analysis	6020B		1	846784	RN	EET CHI	12/11/25 16:48
Total Recoverable	Prep	3005A			846416	BDE	EET CHI	12/10/25 07:41 - 12/10/25 13:41 ¹
Total Recoverable	Analysis	6020B		1	846851	RN	EET CHI	12/12/25 12:29
Total/NA	Prep	7470A			846826	MJG	EET CHI	12/12/25 11:10 - 12/12/25 13:10 ¹
Total/NA	Analysis	7470A		1	846990	MJG	EET CHI	12/15/25 09:37
Total/NA	Analysis	SM 2540C		1	846786	CLB	EET CHI	12/12/25 09:23
Total/NA	Analysis	SM 4500 CI- E		1	846677	TR	EET CHI	12/11/25 11:13
Total/NA	Analysis	SM 4500 F C		1	846666	AC	EET CHI	12/11/25 10:59
Total/NA	Analysis	SM 4500 SO4 E		5	846935	TR	EET CHI	12/14/25 10:30
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/09/25 13:30

Client Sample ID: T02S

Date Collected: 12/12/25 10:18

Date Received: 12/12/25 15:24

Lab Sample ID: 500-279082-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847046	MS	EET CHI	12/15/25 14:56 - 12/15/25 20:56 ¹
Total Recoverable	Analysis	6020B		5	847852	RN	EET CHI	12/19/25 15:51
Total Recoverable	Prep	3005A			847046	MS	EET CHI	12/15/25 14:56 - 12/15/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	847470	RN	EET CHI	12/17/25 19:03
Total/NA	Prep	7470A			847154	MJG	EET CHI	12/16/25 10:55 - 12/16/25 12:55 ¹
Total/NA	Analysis	7470A		1	847341	MJG	EET CHI	12/17/25 10:38
Total/NA	Analysis	SM 2540C		1	847069	CLB	EET CHI	12/16/25 04:45
Total/NA	Analysis	SM 4500 CI- E		5	846934	TR	EET CHI	12/14/25 09:29
Total/NA	Analysis	SM 4500 F C		1	847591	AC	EET CHI	12/18/25 15:47

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T02S

Date Collected: 12/12/25 10:18

Date Received: 12/12/25 15:24

Lab Sample ID: 500-279082-3

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		10	846935	TR	EET CHI	12/14/25 10:28
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/12/25 10:18

Client Sample ID: T05S

Date Collected: 12/12/25 12:53

Date Received: 12/12/25 15:24

Lab Sample ID: 500-279082-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847046	MS	EET CHI	12/15/25 14:56 - 12/15/25 20:56 ¹
Total Recoverable	Analysis	6020B		5	847852	RN	EET CHI	12/19/25 15:53
Total Recoverable	Prep	3005A			847046	MS	EET CHI	12/15/25 14:56 - 12/15/25 20:56 ¹
Total Recoverable	Analysis	6020B		1	847470	RN	EET CHI	12/17/25 19:05
Total/NA	Prep	7470A			847154	MJG	EET CHI	12/16/25 10:55 - 12/16/25 12:55 ¹
Total/NA	Analysis	7470A		1	847341	MJG	EET CHI	12/17/25 10:40
Total/NA	Analysis	300.0		20	848716	KF	EET CHI	12/31/25 15:04
Total/NA	Analysis	SM 2540C		1	847069	CLB	EET CHI	12/16/25 04:48
Total/NA	Analysis	SM 4500 F C		1	847591	AC	EET CHI	12/18/25 16:00
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/12/25 12:53

Client Sample ID: T05S Dup

Date Collected: 12/12/25 12:53

Date Received: 12/12/25 15:24

Lab Sample ID: 500-279082-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847166	MS	EET CHI	12/16/25 12:45 - 12/16/25 18:45 ¹
Total Recoverable	Analysis	6020B		5	847852	RN	EET CHI	12/19/25 16:05
Total Recoverable	Prep	3005A			847166	MS	EET CHI	12/16/25 12:45 - 12/16/25 18:45 ¹
Total Recoverable	Analysis	6020B		1	847470	RN	EET CHI	12/17/25 17:36
Total/NA	Prep	7470A			847154	MJG	EET CHI	12/16/25 10:55 - 12/16/25 12:55 ¹
Total/NA	Analysis	7470A		1	847341	MJG	EET CHI	12/17/25 10:42
Total/NA	Analysis	SM 2540C		1	847069	CLB	EET CHI	12/16/25 04:50
Total/NA	Analysis	SM 4500 Cl- E		5	846934	TR	EET CHI	12/14/25 09:29
Total/NA	Analysis	SM 4500 F C		1	847591	AC	EET CHI	12/18/25 16:02
Total/NA	Analysis	SM 4500 SO4 E		20	846935	TR	EET CHI	12/14/25 10:28
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/12/25 12:53

Client Sample ID: T08S

Date Collected: 12/16/25 10:17

Date Received: 12/16/25 15:38

Lab Sample ID: 500-279082-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847368	MS	EET CHI	12/17/25 13:17 - 12/17/25 19:17 ¹
Total Recoverable	Analysis	6020B		1	847645	RN	EET CHI	12/18/25 14:59

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T08S

Date Collected: 12/16/25 10:17

Date Received: 12/16/25 15:38

Lab Sample ID: 500-279082-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847368	MS	EET CHI	12/17/25 13:17 - 12/17/25 19:17 ¹
Total Recoverable	Analysis	6020B		5	847852	RN	EET CHI	12/19/25 16:00
Total/NA	Prep	7470A			847324	MJG	EET CHI	12/17/25 10:30 - 12/17/25 12:30 ¹
Total/NA	Analysis	7470A		1	847512	MJG	EET CHI	12/18/25 09:51
Total/NA	Analysis	300.0		20	848716	KF	EET CHI	12/31/25 15:29
Total/NA	Analysis	SM 2540C		1	847493	CLB	EET CHI	12/18/25 10:24
Total/NA	Analysis	SM 4500 F C		1	847591	AC	EET CHI	12/18/25 16:05
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/16/25 10:17

Client Sample ID: G41S

Date Collected: 12/16/25 13:31

Date Received: 12/16/25 15:38

Lab Sample ID: 500-279082-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847368	MS	EET CHI	12/17/25 13:17 - 12/17/25 19:17 ¹
Total Recoverable	Analysis	6020B		1	847645	RN	EET CHI	12/18/25 15:02
Total Recoverable	Prep	3005A			847368	MS	EET CHI	12/17/25 13:17 - 12/17/25 19:17 ¹
Total Recoverable	Analysis	6020B		1	847852	RN	EET CHI	12/19/25 16:02
Total/NA	Prep	7470A			847324	MJG	EET CHI	12/17/25 10:30 - 12/17/25 12:30 ¹
Total/NA	Analysis	7470A		1	847512	MJG	EET CHI	12/18/25 09:53
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 15:37
Total/NA	Analysis	SM 2540C		1	847493	CLB	EET CHI	12/18/25 10:27
Total/NA	Analysis	SM 4500 F C		1	847591	AC	EET CHI	12/18/25 16:07
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/16/25 13:31

Client Sample ID: T01S

Date Collected: 12/17/25 10:15

Date Received: 12/17/25 16:05

Lab Sample ID: 500-279082-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847460	BDE	EET CHI	12/18/25 08:18 - 12/18/25 14:18 ¹
Total Recoverable	Analysis	6020B		5	848043	RN	EET CHI	12/22/25 14:59
Total Recoverable	Prep	3005A			847460	BDE	EET CHI	12/18/25 08:18 - 12/18/25 14:18 ¹
Total Recoverable	Analysis	6020B		1	847852	RN	EET CHI	12/19/25 13:34
Total/NA	Prep	7470A			847513	MJG	EET CHI	12/18/25 11:30 - 12/18/25 13:30 ¹
Total/NA	Analysis	7470A		1	847729	MJG	EET CHI	12/19/25 12:46
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 15:45
Total/NA	Analysis	SM 2540C		1	847493	CLB	EET CHI	12/18/25 10:32
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 12:49
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/17/25 10:15

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T11S

Date Collected: 12/17/25 13:04

Date Received: 12/17/25 16:05

Lab Sample ID: 500-279082-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847460	BDE	EET CHI	12/18/25 08:18 - 12/18/25 14:18 ¹
Total Recoverable	Analysis	6020B		1	847852	RN	EET CHI	12/19/25 13:45
Total/NA	Prep	7470A			847513	MJG	EET CHI	12/18/25 11:30 - 12/18/25 13:30 ¹
Total/NA	Analysis	7470A		1	847729	MJG	EET CHI	12/19/25 12:48
Total/NA	Analysis	300.0		5	848716	KF	EET CHI	12/31/25 15:53
Total/NA	Analysis	SM 2540C		1	847810	CLB	EET CHI	12/22/25 06:12
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 13:05
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/17/25 13:04

Client Sample ID: G33S

Date Collected: 12/17/25 14:32

Date Received: 12/17/25 16:05

Lab Sample ID: 500-279082-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			847460	BDE	EET CHI	12/18/25 08:18 - 12/18/25 14:18 ¹
Total Recoverable	Analysis	6020B		1	847852	RN	EET CHI	12/19/25 13:48
Total/NA	Prep	7470A			847513	MJG	EET CHI	12/18/25 11:30 - 12/18/25 13:30 ¹
Total/NA	Analysis	7470A		1	847729	MJG	EET CHI	12/19/25 12:50
Total/NA	Analysis	300.0		10	848844	MM	EET CHI	01/05/26 17:22
Total/NA	Analysis	300.0		2	848716	KF	EET CHI	12/31/25 16:01
Total/NA	Analysis	SM 2540C		1	847810	CLB	EET CHI	12/22/25 06:19
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 13:07
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/17/25 14:32

Client Sample ID: G30S

Date Collected: 12/22/25 09:47

Date Received: 12/22/25 16:00

Lab Sample ID: 500-279082-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		1	848159	S1Z	EET CHI	12/23/25 17:46
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		5	848486	RN	EET CHI	12/29/25 18:00
Total/NA	Prep	7470A			848096	MJG	EET CHI	12/23/25 11:00 - 12/23/25 13:00 ¹
Total/NA	Analysis	7470A		1	848242	MJG	EET CHI	12/26/25 09:44
Total/NA	Analysis	300.0		20	848716	KF	EET CHI	12/31/25 16:25
Total/NA	Analysis	SM 2540C		1	847988	CLB	EET CHI	12/23/25 07:07
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 12:30
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/22/25 09:47

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G20S

Date Collected: 12/22/25 11:34

Date Received: 12/22/25 16:00

Lab Sample ID: 500-279082-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		1	848159	S1Z	EET CHI	12/23/25 17:48
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		1	848486	RN	EET CHI	12/29/25 18:02
Total/NA	Prep	7470A			848096	MJG	EET CHI	12/23/25 11:00 - 12/23/25 13:00 ¹
Total/NA	Analysis	7470A		1	848242	MJG	EET CHI	12/26/25 09:46
Total/NA	Analysis	300.0		2	848716	KF	EET CHI	12/31/25 16:33
Total/NA	Analysis	SM 2540C		1	847988	CLB	EET CHI	12/23/25 07:15
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 12:33
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/22/25 11:34

Client Sample ID: G31S

Date Collected: 12/22/25 14:48

Date Received: 12/22/25 16:00

Lab Sample ID: 500-279082-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		1	848159	S1Z	EET CHI	12/23/25 17:51
Total Recoverable	Prep	3005A			848060	BDE	EET CHI	12/23/25 09:16 - 12/23/25 15:16 ¹
Total Recoverable	Analysis	6020B		1	848486	RN	EET CHI	12/29/25 18:04
Total/NA	Prep	7470A			848096	MJG	EET CHI	12/23/25 11:00 - 12/23/25 13:00 ¹
Total/NA	Analysis	7470A		1	848242	MJG	EET CHI	12/26/25 09:48
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 16:41
Total/NA	Analysis	SM 2540C		1	847988	CLB	EET CHI	12/23/25 07:20
Total/NA	Analysis	SM 4500 F C		1	848178	AC	EET CHI	12/23/25 12:35
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/22/25 14:48

Client Sample ID: G42S

Date Collected: 12/23/25 07:57

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:40
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 14:19
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:25
Total/NA	Analysis	300.0		2	848716	KF	EET CHI	12/31/25 16:49
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:10
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 13:59
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 07:57

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: T13S

Date Collected: 12/23/25 09:18

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:13
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 13:52
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:27
Total/NA	Analysis	300.0		5	848716	KF	EET CHI	12/31/25 16:57
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:13
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 14:03
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 09:18

Client Sample ID: T03S

Date Collected: 12/23/25 10:14

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:19
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 13:55
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:29
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 17:06
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:15
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 14:06
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 10:14

Client Sample ID: R32S

Date Collected: 12/23/25 11:41

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:23
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 14:07
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:31
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 17:14
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:18
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 14:09
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 11:41

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: R08S

Date Collected: 12/23/25 12:42

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:32
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		5	848739	RN	EET CHI	12/31/25 11:51
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 14:09
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:33
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 17:22
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:20
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 14:12
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 12:42

Client Sample ID: T12S

Date Collected: 12/23/25 13:46

Date Received: 12/23/25 14:50

Lab Sample ID: 500-279082-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848671	S1Z	EET CHI	12/30/25 16:36
Total Recoverable	Prep	3005A			848223	S1Z	EET CHI	12/26/25 10:30 - 12/26/25 16:30 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 14:17
Total/NA	Prep	7470A			848229	MJG	EET CHI	12/26/25 10:10 - 12/26/25 12:10 ¹
Total/NA	Analysis	7470A		1	848406	MJG	EET CHI	12/29/25 11:35
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 17:30
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:23
Total/NA	Analysis	SM 4500 F C		1	848272	AC	EET CHI	12/26/25 14:16
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/23/25 13:46

Client Sample ID: G44S

Date Collected: 12/26/25 08:12

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 13:17
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 11:54
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 11:53
Total/NA	Analysis	300.0		10	848716	KF	EET CHI	12/31/25 17:38
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:26
Total/NA	Analysis	SM 4500 F C		1	848841	AC	EET CHI	01/02/26 12:51
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 08:12

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G39S

Date Collected: 12/26/25 09:11

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 13:29
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 12:18
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 11:55
Total/NA	Analysis	300.0		1	848716	KF	EET CHI	12/31/25 18:02
Total/NA	Analysis	300.0		5	848716	KF	EET CHI	12/31/25 18:10
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:28
Total/NA	Analysis	SM 4500 F C		1	848841	AC	EET CHI	01/02/26 12:58
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 09:11

Client Sample ID: G46S

Date Collected: 12/26/25 10:03

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 13:32
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		10	848739	RN	EET CHI	12/31/25 11:44
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 12:20
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 11:57
Total/NA	Analysis	300.0		5	848737	MM	EET CHI	01/02/26 11:34
Total/NA	Analysis	300.0		20	848737	MM	EET CHI	01/02/26 11:42
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:31
Total/NA	Analysis	SM 4500 F C		1	848841	AC	EET CHI	01/02/26 13:00
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 10:03

Client Sample ID: G45S

Date Collected: 12/26/25 11:05

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 13:53
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 12:38
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 11:59
Total/NA	Analysis	300.0		10	848737	MM	EET CHI	01/02/26 11:50
Total/NA	Analysis	SM 2540C		1	848293	CLB	EET CHI	12/29/25 00:33

Eurofins Chicago

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Client Sample ID: G45S

Date Collected: 12/26/25 11:05

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-23

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	848841	AC	EET CHI	01/02/26 13:03
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 11:05

Client Sample ID: G48S

Date Collected: 12/26/25 12:30

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 14:01
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		5	848739	RN	EET CHI	12/31/25 11:46
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 12:40
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 12:01
Total/NA	Analysis	300.0		10	848737	MM	EET CHI	01/02/26 12:14
Total/NA	Analysis	SM 2540C		1	848446	CLB	EET CHI	12/30/25 05:24
Total/NA	Analysis	SM 4500 F C		1	848841	AC	EET CHI	01/02/26 13:06
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 12:30

Client Sample ID: G47S

Date Collected: 12/26/25 13:48

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848646	RN	EET CHI	12/30/25 14:22
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		5	848739	RN	EET CHI	12/31/25 11:49
Total Recoverable	Prep	3005A			848329	BDE	EET CHI	12/29/25 07:59 - 12/29/25 13:59 ¹
Total Recoverable	Analysis	6020B		1	848739	RN	EET CHI	12/31/25 12:55
Total/NA	Prep	7470A			848361	MJG	EET CHI	12/29/25 09:25 - 12/29/25 11:25 ¹
Total/NA	Analysis	7470A		1	848563	MJG	EET CHI	12/30/25 12:03
Total/NA	Analysis	300.0		10	848737	MM	EET CHI	01/02/26 12:22
Total/NA	Analysis	SM 2540C		1	848446	CLB	EET CHI	12/30/25 05:32
Total/NA	Analysis	SM 4500 F C		1	848841	AC	EET CHI	01/02/26 13:09
Total/NA	Analysis	Field Sampling		1	847041	JVB	EET CHI	12/26/25 13:48

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

Laboratory References:

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

Eurofins Chicago

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25

Job ID: 500-279082-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

1
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Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T09S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 279082-1

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 12/09/25 Start Purge: 1110 End Purge: 1128
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 7.40 7.40 7.40 (std.)
Ref. Measuring Pt. TIC SC 1412 1411 1411 (umhos/cm)
Well Elevation * 603.49 (ft./msl) Temp. 7.78 7.75 7.75 (°C)
Water Level 105.94 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.55 (ft./msl)
Well Bottom Elevation * 444.80 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, No Odor
Weather Conditions: 36°F, Cloudy, SW winds e 10-15 mph
Turbidity: 25.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 105.94 - 2.40 = 103.54 (ft.)
Levels were taken on 12/09/25 @ 1055
* Total Depth: 158.59

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T06S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-2

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 12/09/25 Start Purge: 1315 End Purge: 1330
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.48

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.30 (ft) pH 7.26 7.25 7.25 (std.)
Ref. Measuring Pt. TIC SC 793 808 808 (umhos/cm)
Well Elevation * 621.05 (ft./msl) Temp. 9.28 9.29 9.29 (°C)
Water Level 119.13 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.92 (ft./msl)
Well Bottom Elevation * 447.94 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 38°F, Cloudy, SW wind s e 0-5 mph
Turbidity: 4.57 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 119.13 - 2.30 = 116.83 ft.
Levels were taken on 12/09/25 @ 1300
* Total Deth = 173.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T02S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-3

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 12/12/25 Start Purge: 0958 End Purge: 1018
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.65

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.33 (ft) pH 7.64 7.63 7.63 (std.)
Ref. Measuring Pt. TIC SC 1348 1363 1363 (umhos/cm)
Well Elevation * 626.14 (ft./msl) Temp. 7.41 7.45 7.45 (°C)
Water Level 137.64 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 488.50 (ft./msl)
Well Bottom Elevation * 453.40 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 28°F, Mostly Cloudy, NW winds 0-5 mph
Turbidity: 139.00 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 137.64 - 2.33 = 135.31 (ft.)
Levels were taken on 12/12/25 @ 0940.
* Total Depth = 172.75

(Updated: 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T05S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-4

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 12/12/25 Start Purge: 1236 End Purge: 1253
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.55

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH 10.39 10.40 10.40 (std.)
Ref. Measuring Pt. TIC SC 1,489 1,501 1,501 (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. 9.54 9.52 9.52 (°C)
Water Level 126.58 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 496.83 (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 32°F, Mostly Cloudy, S.W. winds e 0-5 mph
Turbidity: 15.90 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 126.58 - 2.40 = 124.18 (ft.)
Levels were taken on 12/12/25 @ 1216
* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T05S_Dup
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-5

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging Bladder Pump Dedicated (Y/N) (Y)
Sampling Bladder Pump Dedicated (Y/N) (Y)

PURGING INFORMATION

Purge Date: 12/12/25 Start Purge: _____ End Purge: _____
(2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): _____

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.40 (ft) pH _____ (std.)
Ref. Measuring Pt. TIC SC _____ (umhos/cm)
Well Elevation * 623.41 (ft./msl) Temp. _____ (°C)
Water Level _____ (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. _____ (ft./msl)
Well Bottom Elevation * 448.35 (ft./msl)

COMMENTS

Sample Appearance/Odor: _____

Weather Conditions: _____

Turbidity: NTU

Other: *Reference Measurement

Depth To Water from L.S. = _____

Levels were taken on _____ @ _____

* Total Deth = 175.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 279082.6

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 12/16/25 Start Purge: 0955 End Purge: 1017
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.57

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.38 (ft) pH 9.04 9.03 9.03 (std.)
Ref. Measuring Pt. TIC SC 1411 1389 1389 (umhos/cm)
Well Elevation * 627.43 (ft./msl) Temp. 8.12 8.06 8.06 (°C)
Water Level 132.50 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 494.93 (ft./msl)
Well Bottom Elevation * 447.38 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Slight Turbidity, Strong Odor
Weather Conditions: 30°F, Sunny, S winds e 5-10 mph
Turbidity: 47.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 132.50 - 2.38 = 130.12 (ft.)
Levels were taken on 12/16/25 @ 0940
* Total Deth = 180.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G41S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-7

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/16/25 Start Purge: 1315 End Purge: 1331
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.31

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.29 (ft) pH 7.31 7.32 7.32 (std.)
Ref. Measuring Pt. TIC SC 1197 1198 1198 (umhos/cm)
Well Elevation *535.78 (ft./msl) Temp. 9.16 9.19 9.19 (°C)
Water Level 29.99 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.79 (ft./msl)
Well Bottom Elevation *453.96 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 36°F, Sunny, SW winds e 5-10 mph
Turbidity: 1.53 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 29.99 - 2.29 = 27.70 (ft.)
Levels were taken on 12/16/25 @ 1300

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T01S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500 - 279082 - 8

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 12/17/25 Start Purge: 0955 End Purge: 1015
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.26

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.48 (ft) pH 7.85 7.83 7.83 (std.)
Ref. Measuring Pt. TIC SC 1445 1435 1435 (umhos/cm)
Well Elevation * 621.83 (ft./msl) Temp. 4.30 4.29 4.29 (°C)
Water Level 128.42 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 493.41 (ft./msl)
Well Bottom Elevation * 451.46 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, Slight Odor
Weather Conditions: 38°F, Partly Sunny, NW winds 0-5 mph
Turbidity: 37.80 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 128.42 - 2.48 = 125.94 (ft.)
Levels were taken on 12/17/25 @ 0940
* Total Depth = 170.00

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T11S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-9

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N) (N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N) (N)

PURGING INFORMATION

Purge Date: 12/16/25 Start Purge: 1244 End Purge: 1304
PL (2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.68 7.70 7.70 (std.)
Ref. Measuring Pt. TIC SC 983 984 984 (umhos/cm)
Well Elevation * 559.40 (ft./msl) Temp. 9.93 9.89 9.89 (°C)
Water Level 77.79 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 481.61 (ft./msl)
Well Bottom Elevation * 445.60 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 43°F, Mostly Sunny, NW winds 0-5 mph
Turbidity: 66.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 77.79 - 2.74 = 75.05 (ft.)
Levels were taken on 12/16/25 @ 1229
PL
* Total Depth: 113.76

(Updated 10/23/2024)

Sampler Name (Print): Noc Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G33S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-10

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (N)

PURGING INFORMATION

Purge Date: 12/17/25 Start Purge: 1412 End Purge: 1432
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.52

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.73 (ft) pH 7.30 7.30 7.30 (std.)
Ref. Measuring Pt. TIC SC 832 831 831 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 11.44 11.43 11.43 (°C)
Water Level 36.70 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 498.97 (ft./msl)
Well Bottom Elevation *452.72 (ft./msl)

COMMENTS

Sample Appearance/Odor: Gray, Moderate Turbidity, No Odor
Weather Conditions: 42°F, Sunny, SE winds e 0-5 mph
Turbidity: 80.70 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 36.70 - 1.73 = 34.97 (ft.)
Levels were taken on 12/17/25 @ 1407

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G30S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 600-279082-11

Type Sample: (Ground Water) Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/22/25 Start Purge: 0929 End Purge: 0947
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.23

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.31 (ft) pH 7.76 7.76 7.76 (std.)
Ref. Measuring Pt. TIC SC 2,004 2,001 2,001 (umhos/cm)
Well Elevation *524.78 (ft./msl) Temp. 7.33 7.35 7.35 (°C)
Water Level 2.03 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 522.75 (ft./msl)
Well Bottom Elevation *462.58 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: Mostly Sunny, 38°F, SE winds 5-10 mph
Turbidity: 1.30 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 2.03 - 2.31 = -0.28 (ft.)
Levels were taken on 12/22/25 @ 0919

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite #
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G20S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-12

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/22/25 Start Purge: 1116 End Purge: 1134
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.12

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.78 (ft) pH 7.65 7.63 7.63 (std.)
Ref. Measuring Pt. TIC SC 781 780 780 (umhos/cm)
Well Elevation *580.79 (ft./msl) Temp. 6.77 6.76 6.76 (°C)
Water Level 61.82 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 518.97 (ft./msl)
Well Bottom Elevation *442.28 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 42°F, Cloudy, SE winds 5-10 mph
Turbidity: 0.79 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 61.82 - 2.78 = 59.04 (ft.)
Levels were taken on 12/22/25 @ 1111

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G31S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-13

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/22/25 Start Purge: 1435 End Purge: 1448
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.59

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.58 (ft) pH 7.18 7.19 7.19 (std.)
Ref. Measuring Pt. TIC SC 1727 1720 1720 (umhos/cm)
Well Elevation *535.67 (ft./msl) Temp. 12.90 12.88 12.88 (°C)
Water Level 30.03 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 505.64 (ft./msl)
Well Bottom Elevation *453.36 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 44°F, Cloudy, SE winds 5-10 mph
Turbidity: 0.26 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 30.03 - 2.58 = 27.45 (ft.)
Levels were taken on 12/22/25 @ 1430

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G42S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-14

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/23/25 Start Purge: 0743 End Purge: 0757
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.18

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 1.99 (ft) pH 7.28 7.27 7.27 (std.)
Ref. Measuring Pt. TIC SC 888 888 888 (umhos/cm)
Well Elevation *528.59 (ft./msl) Temp. 9.64 9.69 9.69 (°C)
Water Level 15.00 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 513.59 (ft./msl)
Well Bottom Elevation *451.26 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 36°F, Partly Sunny, SW winds 0-5 mph
Turbidity: 1.10 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 15.00 - 1.99 = 13.01 (ft.)
Levels were taken on 12/23/25 @ 0738

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T13S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-15

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump Dedicated (N)
Sampling _____ Bladder Pump Dedicated (N)

PURGING INFORMATION

Purge Date: 12/23/25 Start Purge: 0908 End Purge: 0918
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.39

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.76 (ft) pH 7.32 7.31 7.31 (std.)
Ref. Measuring Pt. TIC SC 1026 1027 1027 (umhos/cm)
Well Elevation * 525.33 (ft./msl) Temp. 12.77 12.76 12.76 (°C)
Water Level 20.84 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 504.49 (ft./msl)
Well Bottom Elevation * 452.21 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Strong Odor
Weather Conditions: 41°F, Sunny, SW winds e 0-5 mph
Turbidity: 4.83 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 20.84 - 2.76 = 18.08 (ft.)
Levels were taken on 12/23/25 @ 0903
* Total Depth: 73.12 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Nbe Lopez Signature: 92



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T03S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-16

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

12/23/25

PURGING INFORMATION

Purge Date: 12/16/25 Start Purge: 1315 0956 End Purge: 1014
PL (2400 Hr. Clock)

Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 3.08 (ft) pH 7.07 7.06 7.06 (std.)
Ref. Measuring Pt. TIC SC 1370 1369 1369 (umhos/cm)
Well Elevation * 629.73 (ft./msl) Temp. 11.42 11.39 11.39 (°C)
Water Level 29.99 141.01 (ft.)
Ground Water Elev. 599.74 488.72 (ft./msl)
Well Bottom Elevation * 456.70 (ft./msl)

Well Stabilization / Recharge Grid

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 45°F, Sunny, W winds 0-5 mph
Turbidity: 6.09 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 29.99 - 3.08 = 26.91 (ft.) 141.01 - 3.08 = 137.93 (ft.)
Levels were taken on 12/16/25 @ 1300 12/23/25 @ 0951
PL
* Total Depth = 172.95

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R32S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-17

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/23/25 Start Purge: 1122 End Purge: 1141
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.98

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.03 (ft) pH 7.38 7.39 7.39 (std.)
Ref. Measuring Pt. TIC SC 843 851 851 (umhos/cm)
Well Elevation *537.04 (ft./msl) Temp. 11.96 11.95 11.95 (°C)
Water Level 23.95 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 513.09 (ft./msl)
Well Bottom Elevation *457.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 47°F, Sunny, NW winds e 0-5 mph
Turbidity: 0.84 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 23.95 - 2.03 = 21.92 (ft.)
Levels were taken on 12/23/25 @ 1117

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: R08S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-18

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 12/23/25 Start Purge: 1227 End Purge: 1242
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.68

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.55 (ft) pH 8.07 8.07 8.07 (std.)
Ref. Measuring Pt. TIC SC 1167 1167 1167 (umhos/cm)
Well Elevation *578.64 (ft./msl) Temp. 12.51 12.49 12.49 (°C)
Water Level 71.96 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 506.68 (ft./msl)
Well Bottom Elevation *453.08 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 50°F, Sunny, W winds e 5-10 mph
Turbidity: 0.46 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 71.96 - 2.55 = 69.41 (ft.)
Levels were taken on 12/23/25 @ 1222

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: T12S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-19

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/23/25 Start Purge: 1334 End Purge: 1346
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.46

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.74 (ft) pH 7.25 7.25 7.25 (std.)
Ref. Measuring Pt. TIC SC 1469 1468 1468 (umhos/cm)
Well Elevation * 578.73 (ft./msl) Temp. 12.41 12.44 12.44 (°C)
Water Level 76.01 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.72 (ft./msl)
Well Bottom Elevation * 452.24 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 51°F, Sunny, W winds @ 5-10 mph
Turbidity: 78.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 76.01 - 2.74 = 73.27 (ft.)
Levels were taken on 12/23/25 @ 1329.
* Total Depth: 126.5 (ft)

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G44S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-20

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated ☒ (Y/N)
Sampling _____ Bladder Pump _____ Dedicated ☒ (Y/N)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 0753 End Purge: 0812
NU (2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.61

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.18 (ft) pH 7.00 7.01 7.01 (std.)
Ref. Measuring Pt. TIC SC 1226 1226 1226 (umhos/cm)
Well Elevation *586.62 (ft./msl) Temp. 11.53 11.55 11.55 (°C)
Water Level 84.32 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 502.30 (ft./msl)
Well Bottom Elevation *455.11 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, No Odor
Weather Conditions: 46°F, Drizzle, SE winds e 0-5 mph
Turbidity: 2.40 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 84.32 - 2.18 = 82.14 (ft.)
Levels were taken on 12/26/25 @ 0748

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G39S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-21

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 0853 End Purge: 0911
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.08 (ft) pH 7.21 7.20 7.20 (std.)
Ref. Measuring Pt. TIC SC 788 797 797 (umhos/cm)
Well Elevation *598.74 (ft./msl) Temp. 10.79 10.78 10.78 (°C)
Water Level 97.56 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 501.18 (ft./msl)
Well Bottom Elevation *454.15 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Slight Turbidity, No Odor
Weather Conditions: 45°F, Drizzle, SW winds e 0-5 mph
Turdity 40.80 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 97.56 - 2.08 = 95.48 (ft.)
Levels were taken on 12/26/25 @ 0848

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G46S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082.22

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 0949 End Purge: 1003
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.63

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.70 (ft) pH 7.64 7.65 7.65 (std.)
Ref. Measuring Pt. TIC SC 1323 1323 1323 (umhos/cm)
Well Elevation *601.32 (ft./msl) Temp. 12.10 12.11 12.11 (°C)
Water Level 103.44 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 497.88 (ft./msl)
Well Bottom Elevation *453.62 (ft./msl)

COMMENTS

Sample Appearance/Odor: Tan, Moderate Turbidity, No Odor
Weather Conditions: 47°F, Drizzle, W winds @ 0-5 mph
Turbidity: 57.60 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 103.44 - 2.70 = 100.74 (ft.)
Levels were taken on 12/26/25 @ 0944

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G45S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-23

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y/N)
Sampling _____ Bladder Pump _____ Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 1049 End Purge: 1105
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 1.03

MEASUREMENTS

Well Diameter 2.0 (inches) 1st 2nd Final
Stick Up 2.97 (ft) pH 7.30 7.29 7.29 (std.)
Ref. Measuring Pt. TIC SC 1116 1122 1122 (umhos/cm)
Well Elevation *603.81 (ft./msl) Temp. 13.19 13.19 13.19 (°C)
Water Level 65.84 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 537.97 (ft./msl)
Well Bottom Elevation *471.05 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 49°F, Cloudy, NW winds e 10-15 mph
Turbidity: 0.16 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 65.84 - 2.97 = 62.87 (ft)
Levels were taken on 12/26/25 @ 1044

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G48S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-24

Type Sample: (circle one) Ground Water Surface Water Leachate Other: _____
Equipment Used: Purging _____ Bladder Pump Dedicated (Y/N)
Sampling _____ Bladder Pump Dedicated (Y/N)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 1212 End Purge: 1230
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.93

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.45 (ft) pH 8.14 8.15 8.15 (std.)
Ref. Measuring Pt. TIC SC 1486 1487 1487 (umhos/cm)
Well Elevation *620.73 (ft./msl) Temp. 11.58 11.56 11.56 (°C)
Water Level 106.02 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 514.71 (ft./msl)
Well Bottom Elevation *468.32 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Moderate Odor
Weather Conditions: 48°F, Cloudy, NW winds e 5-10 mph
Turbidity: 1.06 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 106.02 - 2.45 = 103.57 (ft.)
Levels were taken on 12/26/25 @ 1207

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]



Environment Testing

Eurofins Chicago

18410 Crossing Drive, Suite E
Tinley Park, IL 60487
Tel: 708 534 5200

Sample ID: G47S
Facility: Midwest Generation-Joliet #9 CCR
Job #: 500-279082-25

Type Sample: Ground Water Surface Water Leachate Other: _____
(circle one)
Equipment Used: Purging _____ Bladder Pump _____ Dedicated (Y)
Sampling _____ Bladder Pump _____ Dedicated (Y)

PURGING INFORMATION

Purge Date: 12/26/25 Start Purge: 1330 End Purge: 1348
(2400 Hr. Clock)
Water Volume in Casing (gallons): N/A Volume Purged (gallons): 0.58

MEASUREMENTS

Well Diameter 4.0 (inches) 1st 2nd Final
Stick Up 2.50 (ft) pH 9.16 9.17 9.17 (std.)
Ref. Measuring Pt. TIC SC 1582 1581 1581 (umhos/cm)
Well Elevation *612.16 (ft./msl) Temp. 11.59 11.59 11.59 (°C)
Water Level 96.30 (ft.) Well Stabilization / Recharge Grid
Ground Water Elev. 515.86 (ft./msl)
Well Bottom Elevation *459.84 (ft./msl)

COMMENTS

Sample Appearance/Odor: Colorless, Clear, Slight Odor
Weather Conditions: 48°F, Cloudy, NW winds 0-5 mph
Turbidity: 0.32 NTU
Other: *Reference Measurement
Depth To Water from L.S. = 96.30 - 2.50 = 93.80 (ft.)
Levels were taken on 12/26/25 @ 1325

(Updated 10/23/2024)

Sampler Name (Print): Noe Lopez Signature: [Signature]

FIELD FORM 1

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/27/2026 5:50:44 PM

JOB DESCRIPTION

Joliet #9 (Quarry) CCR 4Q25 (RAD)

JOB NUMBER

500-279082-2

Eurofins Chicago

Job Notes

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

Authorization



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1/27/2026 5:50:44 PM

Authorized for release by
Jodie Bracken, Project Manager I
Joann.Bracken@et.eurofinsus.com
(708)534-5200



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Case Narrative

Client: KPRG and Associates, Inc.
Project: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Job ID: 500-279082-2

Eurofins Chicago

Job Narrative 500-279082-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/9/2025 3:17 PM, 12/12/2025 3:24 PM, 12/16/2025 3:38 PM, 12/17/2025 4:05 PM, 12/22/2025 4:00 PM, 12/23/2025 2:50 PM and 12/26/2025 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.6°C, 0.8°C, 0.9°C, 0.9°C, 1.2°C, 1.4°C, 2.2°C, 2.3°C and 2.7°C.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 751691

The LCS recovered at (131%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68% - 154%) per method requirements. The LCS passes, no further action is required (LCS 160-751691/2-A)

Method 904.0: Ra-228 batch 749663

The detection goal was not met for the following samples due to the reduced sample volume used for prep attributed to the presence of matrix interferences: T02S (500-279082-3) and T05S (500-279082-4). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 750553

The detection goal was not met for the following samples due to the reduced sample volume used for prep attributed to the presence of matrix interferences: T01S (500-279082-8), T11S (500-279082-9) and G33S (500-279082-10). Analytical results are reported with the detection limit achieved.

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

Rad

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

Eurofins Chicago

Method Summary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-279082-1	T09S	Water	12/09/25 11:28	12/09/25 15:17	Illinois
500-279082-2	T06S	Water	12/09/25 13:30	12/09/25 15:17	Illinois
500-279082-3	T02S	Water	12/12/25 10:18	12/12/25 15:24	Illinois
500-279082-4	T05S	Water	12/12/25 12:53	12/12/25 15:24	Illinois
500-279082-5	T05S Dup	Water	12/12/25 12:53	12/12/25 15:24	Illinois
500-279082-6	T08S	Water	12/16/25 10:17	12/16/25 15:38	Illinois
500-279082-7	G41S	Water	12/16/25 13:31	12/16/25 15:38	Illinois
500-279082-8	T01S	Water	12/17/25 10:15	12/17/25 16:05	Illinois
500-279082-9	T11S	Water	12/17/25 13:04	12/17/25 16:05	Illinois
500-279082-10	G33S	Water	12/17/25 14:32	12/17/25 16:05	Illinois
500-279082-11	G30S	Water	12/22/25 09:47	12/22/25 16:00	Illinois
500-279082-12	G20S	Water	12/22/25 11:34	12/22/25 16:00	Illinois
500-279082-13	G31S	Water	12/22/25 14:48	12/22/25 16:00	Illinois
500-279082-14	G42S	Water	12/23/25 07:57	12/23/25 14:50	Illinois
500-279082-15	T13S	Water	12/23/25 09:18	12/23/25 14:50	Illinois
500-279082-16	T03S	Water	12/23/25 10:14	12/23/25 14:50	Illinois
500-279082-17	R32S	Water	12/23/25 11:41	12/23/25 14:50	Illinois
500-279082-18	R08S	Water	12/23/25 12:42	12/23/25 14:50	Illinois
500-279082-19	T12S	Water	12/23/25 13:46	12/23/25 14:50	Illinois
500-279082-20	G44S	Water	12/26/25 08:12	12/26/25 15:05	Illinois
500-279082-21	G39S	Water	12/26/25 09:11	12/26/25 15:05	Illinois
500-279082-22	G46S	Water	12/26/25 10:03	12/26/25 15:05	Illinois
500-279082-23	G45S	Water	12/26/25 11:05	12/26/25 15:05	Illinois
500-279082-24	G48S	Water	12/26/25 12:30	12/26/25 15:05	Illinois
500-279082-25	G47S	Water	12/26/25 13:48	12/26/25 15:05	Illinois

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T09S

Lab Sample ID: 500-279082-1

Date Collected: 12/09/25 11:28

Matrix: Water

Date Received: 12/09/25 15:17

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	1.02		0.221	0.239	1.00	0.138	pCi/L	12/12/25 08:02	01/05/26 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					12/12/25 08:02	01/05/26 08:01	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	1.26		0.480	0.493	1.00	0.609	pCi/L	12/12/25 08:04	01/02/26 12:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					12/12/25 08:04	01/02/26 12:09	1
Y Carrier	81.1		30 - 110					12/12/25 08:04	01/02/26 12:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.28		0.528	0.548	5.00	0.609	pCi/L		01/07/26 17:12	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T06S

Lab Sample ID: 500-279082-2

Date Collected: 12/09/25 13:30

Matrix: Water

Date Received: 12/09/25 15:17

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	0.947		0.220	0.236	1.00	0.166	pCi/L	12/12/25 08:02	01/05/26 08:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					12/12/25 08:02	01/05/26 08:01	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	<0.749	U	0.413	0.413	1.00	0.749	pCi/L	12/12/25 08:04	01/02/26 12:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					12/12/25 08:04	01/02/26 12:09	1
Y Carrier	81.5		30 - 110					12/12/25 08:04	01/02/26 12:09	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.961		0.468	0.476	5.00	0.749	pCi/L		01/07/26 17:12	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T02S

Lab Sample ID: 500-279082-3

Date Collected: 12/12/25 10:18

Matrix: Water

Date Received: 12/12/25 15:24

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	0.993		0.609	0.615	1.00	0.804	pCi/L	12/16/25 08:17	01/07/26 09:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	49.0		30 - 110					12/16/25 08:17	01/07/26 09:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<2.53	U G	1.58	1.59	1.00	2.53	pCi/L	12/16/25 08:21	01/06/26 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	49.0		30 - 110					12/16/25 08:21	01/06/26 12:07	1
Y Carrier	82.2		30 - 110					12/16/25 08:21	01/06/26 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.72		1.69	1.70	5.00	2.53	pCi/L		01/13/26 15:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T05S

Lab Sample ID: 500-279082-4

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

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	0.555		0.258	0.263	1.00	0.275	pCi/L	12/16/25 08:17	01/07/26 09:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					12/16/25 08:17	01/07/26 09:38	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	1.29	G	0.728	0.738	1.00	1.07	pCi/L	12/16/25 08:21	01/06/26 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					12/16/25 08:21	01/06/26 12:07	1
Y Carrier	82.2		30 - 110					12/16/25 08:21	01/06/26 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.85		0.772	0.783	5.00	1.07	pCi/L		01/13/26 15:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T05S Dup

Lab Sample ID: 500-279082-5

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.305	U	0.217	0.219	1.00	0.305	pCi/L	12/16/25 08:17	01/07/26 09:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					12/16/25 08:17	01/07/26 09:38	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	<0.956	U	0.548	0.548	1.00	0.956	pCi/L	12/16/25 08:21	01/06/26 12:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					12/16/25 08:21	01/06/26 12:07	1
Y Carrier	77.4		30 - 110					12/16/25 08:21	01/06/26 12:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	<0.956	U	0.589	0.590	5.00	0.956	pCi/L		01/13/26 15:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T08S

Lab Sample ID: 500-279082-6

Date Collected: 12/16/25 10:17

Matrix: Water

Date Received: 12/16/25 15:38

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	1.04		0.311	0.324	1.00	0.307	pCi/L	12/19/25 08:05	01/12/26 15:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					12/19/25 08:05	01/12/26 15:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.48		0.712	0.725	1.00	0.994	pCi/L	12/19/25 08:08	01/09/26 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					12/19/25 08:08	01/09/26 09:51	1
Y Carrier	82.2		30 - 110					12/19/25 08:08	01/09/26 09:51	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	2.52		0.777	0.794	5.00	0.994	pCi/L		01/13/26 15:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G41S

Lab Sample ID: 500-279082-7

Date Collected: 12/16/25 13:31

Matrix: Water

Date Received: 12/16/25 15:38

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	1.84		0.310	0.351	1.00	0.185	pCi/L	12/19/25 08:05	01/12/26 15:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110					12/19/25 08:05	01/12/26 15:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.567	0.580	1.00	0.754	pCi/L	12/19/25 08:08	01/09/26 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110					12/19/25 08:08	01/09/26 09:52	1
Y Carrier	82.6		30 - 110					12/19/25 08:08	01/09/26 09:52	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	3.21		0.646	0.678	5.00	0.754	pCi/L		01/13/26 15:57	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T01S

Lab Sample ID: 500-279082-8

Date Collected: 12/17/25 10:15

Matrix: Water

Date Received: 12/17/25 16:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.45		0.389	0.411	1.00	0.334	pCi/L	12/22/25 08:18	01/13/26 22:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.7		30 - 110					12/22/25 08:18	01/13/26 22:38	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	<1.50	U G	0.942	0.946	1.00	1.50	pCi/L	12/22/25 08:21	01/09/26 12:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.7		30 - 110					12/22/25 08:21	01/09/26 12:34	1
Y Carrier	82.2		30 - 110					12/22/25 08:21	01/09/26 12:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.50		1.02	1.03	5.00	1.50	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T11S

Lab Sample ID: 500-279082-9

Date Collected: 12/17/25 13:04

Matrix: Water

Date Received: 12/17/25 16:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.443		0.214	0.217	1.00	0.266	pCi/L	12/22/25 08:18	01/13/26 22:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.5		30 - 110					12/22/25 08:18	01/13/26 22:38	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	1.64	G	0.737	0.753	1.00	1.01	pCi/L	12/22/25 08:21	01/09/26 12:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.5		30 - 110					12/22/25 08:21	01/09/26 12:34	1
Y Carrier	79.6		30 - 110					12/22/25 08:21	01/09/26 12:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.08		0.767	0.784	5.00	1.01	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G33S

Lab Sample ID: 500-279082-10

Date Collected: 12/17/25 14:32

Matrix: Water

Date Received: 12/17/25 16:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.526		0.251	0.255	1.00	0.286	pCi/L	12/22/25 08:18	01/13/26 22:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					12/22/25 08:18	01/13/26 22:38	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	1.58	G	0.923	0.934	1.00	1.33	pCi/L	12/22/25 08:21	01/09/26 12:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					12/22/25 08:21	01/09/26 12:34	1
Y Carrier	82.2		30 - 110					12/22/25 08:21	01/09/26 12:34	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.11		0.957	0.968	5.00	1.33	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G30S

Lab Sample ID: 500-279082-11

Date Collected: 12/22/25 09:47

Matrix: Water

Date Received: 12/22/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.11		0.210	0.233	1.00	0.130	pCi/L	12/26/25 09:24	01/20/26 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					12/26/25 09:24	01/20/26 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	1.52		0.576	0.593	1.00	0.756	pCi/L	12/26/25 09:28	01/13/26 11:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.8		30 - 110					12/26/25 09:28	01/13/26 11:02	1
Y Carrier	82.2		30 - 110					12/26/25 09:28	01/13/26 11:02	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	2.64		0.613	0.637	5.00	0.756	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G20S

Lab Sample ID: 500-279082-12

Date Collected: 12/22/25 11:34

Matrix: Water

Date Received: 12/22/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.00		0.201	0.220	1.00	0.131	pCi/L	12/26/25 09:24	01/20/26 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.7		30 - 110					12/26/25 09:24	01/20/26 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	1.37		0.529	0.544	1.00	0.671	pCi/L	12/26/25 09:28	01/13/26 11:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.7		30 - 110					12/26/25 09:28	01/13/26 11:02	1
Y Carrier	80.0		30 - 110					12/26/25 09:28	01/13/26 11:02	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	2.37		0.566	0.587	5.00	0.671	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G31S

Lab Sample ID: 500-279082-13

Date Collected: 12/22/25 14:48

Matrix: Water

Date Received: 12/22/25 16:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.10		0.276	0.334	1.00	0.133	pCi/L	12/26/25 09:24	01/20/26 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					12/26/25 09:24	01/20/26 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	1.33		0.497	0.512	1.00	0.635	pCi/L	12/26/25 09:28	01/13/26 11:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					12/26/25 09:28	01/13/26 11:02	1
Y Carrier	81.5		30 - 110					12/26/25 09:28	01/13/26 11:02	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	3.43		0.568	0.611	5.00	0.635	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G42S

Lab Sample ID: 500-279082-14

Date Collected: 12/23/25 07:57

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.51		0.232	0.269	1.00	0.151	pCi/L	12/30/25 08:13	01/22/26 23:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.2		30 - 110					12/30/25 08:13	01/22/26 23:13	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.12		0.592	0.601	1.00	0.857	pCi/L	12/30/25 08:15	01/05/26 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.2		30 - 110					12/30/25 08:15	01/05/26 12:04	1
Y Carrier	84.5		30 - 110					12/30/25 08:15	01/05/26 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.63		0.636	0.658	5.00	0.857	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T13S

Lab Sample ID: 500-279082-15

Date Collected: 12/23/25 09:18

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.691		0.157	0.169	1.00	0.132	pCi/L	12/30/25 08:13	01/22/26 23:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					12/30/25 08:13	01/22/26 23:13	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.812	U	0.473	0.474	1.00	0.812	pCi/L	12/30/25 08:15	01/05/26 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					12/30/25 08:15	01/05/26 12:04	1
Y Carrier	83.0		30 - 110					12/30/25 08:15	01/05/26 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.938		0.498	0.503	5.00	0.812	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T03S

Lab Sample ID: 500-279082-16

Date Collected: 12/23/25 10:14

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.417		0.120	0.126	1.00	0.109	pCi/L	12/30/25 08:13	01/22/26 23:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					12/30/25 08:13	01/22/26 23:14	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	1.03		0.531	0.539	1.00	0.753	pCi/L	12/30/25 08:15	01/05/26 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.2		30 - 110					12/30/25 08:15	01/05/26 12:03	1
Y Carrier	81.9		30 - 110					12/30/25 08:15	01/05/26 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.45		0.544	0.554	5.00	0.753	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: R32S

Lab Sample ID: 500-279082-17

Date Collected: 12/23/25 11:41

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.58		0.241	0.280	1.00	0.142	pCi/L	12/30/25 08:13	01/22/26 23:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.6		30 - 110					12/30/25 08:13	01/22/26 23:14	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	1.10		0.578	0.587	1.00	0.823	pCi/L	12/30/25 08:15	01/05/26 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.6		30 - 110					12/30/25 08:15	01/05/26 12:03	1
Y Carrier	81.9		30 - 110					12/30/25 08:15	01/05/26 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.67		0.626	0.650	5.00	0.823	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: R08S

Lab Sample ID: 500-279082-18

Date Collected: 12/23/25 12:42

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.510		0.154	0.160	1.00	0.159	pCi/L	12/30/25 08:13	01/22/26 23:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.1		30 - 110					12/30/25 08:13	01/22/26 23:14	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	1.92		0.675	0.698	1.00	0.860	pCi/L	12/30/25 08:15	01/05/26 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.1		30 - 110					12/30/25 08:15	01/05/26 12:04	1
Y Carrier	81.1		30 - 110					12/30/25 08:15	01/05/26 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.43		0.692	0.716	5.00	0.860	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T12S

Lab Sample ID: 500-279082-19

Date Collected: 12/23/25 13:46

Matrix: Water

Date Received: 12/23/25 14:50

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.29		0.194	0.226	1.00	0.0938	pCi/L	12/30/25 08:13	01/23/26 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.0		30 - 110					12/30/25 08:13	01/23/26 09:29	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	1.89		0.651	0.674	1.00	0.842	pCi/L	12/30/25 08:15	01/05/26 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.0		30 - 110					12/30/25 08:15	01/05/26 12:04	1
Y Carrier	81.9		30 - 110					12/30/25 08:15	01/05/26 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.18		0.679	0.711	5.00	0.842	pCi/L		01/23/26 16:23	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G44S

Lab Sample ID: 500-279082-20

Date Collected: 12/26/25 08:12

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.708		0.189	0.199	1.00	0.173	pCi/L	01/02/26 07:58	01/26/26 23:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					01/02/26 07:58	01/26/26 23:19	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.941		0.543	0.550	1.00	0.799	pCi/L	01/02/26 08:02	01/21/26 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					01/02/26 08:02	01/21/26 11:50	1
Y Carrier	81.1		30 - 110					01/02/26 08:02	01/21/26 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.65		0.575	0.585	5.00	0.799	pCi/L		01/27/26 15:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G39S

Lab Sample ID: 500-279082-21

Date Collected: 12/26/25 09:11

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.365		0.130	0.134	1.00	0.125	pCi/L	01/02/26 07:58	01/26/26 23:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					01/02/26 07:58	01/26/26 23:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.15		0.521	0.532	1.00	0.705	pCi/L	01/02/26 08:02	01/21/26 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					01/02/26 08:02	01/21/26 11:51	1
Y Carrier	77.8		30 - 110					01/02/26 08:02	01/21/26 11:51	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		0.537	0.549	5.00	0.705	pCi/L		01/27/26 15:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G46S

Lab Sample ID: 500-279082-22

Date Collected: 12/26/25 10:03

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.50		0.244	0.278	1.00	0.134	pCi/L	01/02/26 07:58	01/26/26 23:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/02/26 07:58	01/26/26 23:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.01		0.572	0.601	1.00	0.633	pCi/L	01/02/26 08:02	01/21/26 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/02/26 08:02	01/21/26 11:51	1
Y Carrier	79.3		30 - 110					01/02/26 08:02	01/21/26 11:51	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	3.51		0.622	0.662	5.00	0.633	pCi/L		01/27/26 15:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G45S

Lab Sample ID: 500-279082-23

Date Collected: 12/26/25 11:05

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.43		0.242	0.274	1.00	0.136	pCi/L	01/02/26 07:58	01/26/26 23:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					01/02/26 07:58	01/26/26 23:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.827	U	0.520	0.523	1.00	0.827	pCi/L	01/02/26 08:02	01/21/26 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					01/02/26 08:02	01/21/26 11:51	1
Y Carrier	82.2		30 - 110					01/02/26 08:02	01/21/26 11:51	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	2.03		0.574	0.590	5.00	0.827	pCi/L		01/27/26 15:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G48S

Lab Sample ID: 500-279082-24

Date Collected: 12/26/25 12:30

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.885		0.202	0.217	1.00	0.154	pCi/L	01/02/26 07:58	01/26/26 23:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					01/02/26 07:58	01/26/26 23:20	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.02		0.545	0.553	1.00	0.785	pCi/L	01/02/26 08:02	01/21/26 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					01/02/26 08:02	01/21/26 11:51	1
Y Carrier	81.5		30 - 110					01/02/26 08:02	01/21/26 11:51	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	1.91		0.581	0.594	5.00	0.785	pCi/L		01/27/26 15:34	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G47S

Lab Sample ID: 500-279082-25

Date Collected: 12/26/25 13:48

Matrix: Water

Date Received: 12/26/25 15:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.500		0.159	0.166	1.00	0.142	pCi/L	01/02/26 07:58	01/26/26 23:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					01/02/26 07:58	01/26/26 23:21	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.846	U	0.488	0.489	1.00	0.846	pCi/L	01/02/26 08:02	01/21/26 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					01/02/26 08:02	01/21/26 11:51	1
Y Carrier	78.5		30 - 110					01/02/26 08:02	01/21/26 11:51	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	<0.846	U	0.513	0.516	5.00	0.846	pCi/L		01/27/26 15:34	1

Definitions/Glossary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (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: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Rad

Prep Batch: 749163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	PrecSep-21	
500-279082-2	T06S	Total/NA	Water	PrecSep-21	
MB 160-749163/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-749163/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 749164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-1	T09S	Total/NA	Water	PrecSep_0	
500-279082-2	T06S	Total/NA	Water	PrecSep_0	
MB 160-749164/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-749164/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 749662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	PrecSep-21	
500-279082-4	T05S	Total/NA	Water	PrecSep-21	
500-279082-5	T05S Dup	Total/NA	Water	PrecSep-21	
MB 160-749662/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-749662/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 749663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-3	T02S	Total/NA	Water	PrecSep_0	
500-279082-4	T05S	Total/NA	Water	PrecSep_0	
500-279082-5	T05S Dup	Total/NA	Water	PrecSep_0	
MB 160-749663/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-749663/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 750271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total/NA	Water	PrecSep-21	
500-279082-7	G41S	Total/NA	Water	PrecSep-21	
MB 160-750271/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-750271/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 750272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-6	T08S	Total/NA	Water	PrecSep_0	
500-279082-7	G41S	Total/NA	Water	PrecSep_0	
MB 160-750272/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-750272/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 750552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total/NA	Water	PrecSep-21	
500-279082-9	T11S	Total/NA	Water	PrecSep-21	
500-279082-10	G33S	Total/NA	Water	PrecSep-21	
MB 160-750552/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-750552/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Rad

Prep Batch: 750553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-8	T01S	Total/NA	Water	PrecSep_0	
500-279082-9	T11S	Total/NA	Water	PrecSep_0	
500-279082-10	G33S	Total/NA	Water	PrecSep_0	
MB 160-750553/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-750553/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 751109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total/NA	Water	PrecSep-21	
500-279082-12	G20S	Total/NA	Water	PrecSep-21	
500-279082-13	G31S	Total/NA	Water	PrecSep-21	
MB 160-751109/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-751109/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 751111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-11	G30S	Total/NA	Water	PrecSep_0	
500-279082-12	G20S	Total/NA	Water	PrecSep_0	
500-279082-13	G31S	Total/NA	Water	PrecSep_0	
MB 160-751111/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-751111/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 751690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	PrecSep-21	
500-279082-15	T13S	Total/NA	Water	PrecSep-21	
500-279082-16	T03S	Total/NA	Water	PrecSep-21	
500-279082-17	R32S	Total/NA	Water	PrecSep-21	
500-279082-18	R08S	Total/NA	Water	PrecSep-21	
500-279082-19	T12S	Total/NA	Water	PrecSep-21	
MB 160-751690/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-751690/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-279082-15 DU	T13S	Total/NA	Water	PrecSep-21	

Prep Batch: 751691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-14	G42S	Total/NA	Water	PrecSep_0	
500-279082-15	T13S	Total/NA	Water	PrecSep_0	
500-279082-16	T03S	Total/NA	Water	PrecSep_0	
500-279082-17	R32S	Total/NA	Water	PrecSep_0	
500-279082-18	R08S	Total/NA	Water	PrecSep_0	
500-279082-19	T12S	Total/NA	Water	PrecSep_0	
MB 160-751691/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-751691/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-279082-15 DU	T13S	Total/NA	Water	PrecSep_0	

Prep Batch: 752029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total/NA	Water	PrecSep-21	
500-279082-21	G39S	Total/NA	Water	PrecSep-21	
500-279082-22	G46S	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Rad (Continued)

Prep Batch: 752029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-23	G45S	Total/NA	Water	PrecSep-21	
500-279082-24	G48S	Total/NA	Water	PrecSep-21	
500-279082-25	G47S	Total/NA	Water	PrecSep-21	
MB 160-752029/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-752029/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-279082-21 DU	G39S	Total/NA	Water	PrecSep-21	

Prep Batch: 752030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-279082-20	G44S	Total/NA	Water	PrecSep_0	
500-279082-21	G39S	Total/NA	Water	PrecSep_0	
500-279082-22	G46S	Total/NA	Water	PrecSep_0	
500-279082-23	G45S	Total/NA	Water	PrecSep_0	
500-279082-24	G48S	Total/NA	Water	PrecSep_0	
500-279082-25	G47S	Total/NA	Water	PrecSep_0	
MB 160-752030/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-752030/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-279082-21 DU	G39S	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-749163/1-A

Matrix: Water

Analysis Batch: 752497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749163

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.173	U	0.0886	0.0886	1.00	0.173	pCi/L	12/12/25 08:02	01/05/26 07:58	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					12/12/25 08:02	01/05/26 07:58	1

Lab Sample ID: LCS 160-749163/2-A

Matrix: Water

Analysis Batch: 752662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749163

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.126		1.04	1.00	0.187	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.4		30 - 110							

Lab Sample ID: MB 160-749662/1-A

Matrix: Water

Analysis Batch: 752803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749662

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.316	U	0.187	0.187	1.00	0.316	pCi/L	12/16/25 08:17	01/07/26 09:44	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					12/16/25 08:17	01/07/26 09:44	1

Lab Sample ID: LCS 160-749662/2-A

Matrix: Water

Analysis Batch: 752803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749662

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.304		1.16	1.00	0.230	pCi/L	97	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.9		30 - 110							

Lab Sample ID: MB 160-750271/1-A

Matrix: Water

Analysis Batch: 753430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 750271

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.170	U	0.0925	0.0926	1.00	0.170	pCi/L	12/19/25 08:05	01/12/26 15:05	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

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

Lab Sample ID: MB 160-750271/1-A

Matrix: Water

Analysis Batch: 753430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 750271

	MB	MB									
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac					
Ba Carrier	81.8		30 - 110	12/19/25 08:05	01/12/26 15:05	1					

Lab Sample ID: LCS 160-750271/2-A

Matrix: Water

Analysis Batch: 753430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750271

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
Radium-226	9.57	10.51		1.18	1.00	0.175	pCi/L	110	75 - 125	
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	83.2		30 - 110							

Lab Sample ID: MB 160-750552/1-A

Matrix: Water

Analysis Batch: 753564

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 750552

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.142	U	0.0628	0.0628	1.00	0.142	pCi/L	12/22/25 08:18	01/13/26 22:37	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.2		30 - 110							

Lab Sample ID: LCS 160-750552/2-A

Matrix: Water

Analysis Batch: 753564

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750552

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	
Radium-226	9.57	10.19		1.13	1.00	0.157	pCi/L	106	75 - 125	
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	81.8		30 - 110							

Lab Sample ID: MB 160-751109/1-A

Matrix: Water

Analysis Batch: 754521

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751109

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.116	U	0.0616	0.0616	1.00	0.116	pCi/L	12/26/25 09:24	01/20/26 07:48	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	81.8		30 - 110							

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

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

Lab Sample ID: LCS 160-751109/2-A

Matrix: Water

Analysis Batch: 754521

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751109

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	10.17		1.09	1.00	0.105	pCi/L	106	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	85.8		30 - 110							

Lab Sample ID: MB 160-751690/1-A

Matrix: Water

Analysis Batch: 754926

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751690

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.105	U	0.0558	0.0558	1.00	0.105	pCi/L	12/30/25 08:13	01/22/26 23:13	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	84.9		30 - 110							
								Prepared	Analyzed	Dil Fac
								12/30/25 08:13	01/22/26 23:13	1

Lab Sample ID: LCS 160-751690/2-A

Matrix: Water

Analysis Batch: 754926

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751690

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.508		1.01	1.00	0.112	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	80.2		30 - 110							

Lab Sample ID: 500-279082-15 DU

Matrix: Water

Analysis Batch: 754926

Client Sample ID: T13S

Prep Type: Total/NA

Prep Batch: 751690

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.691		0.5998		0.155	1.00	0.122	pCi/L	0.28	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	80.2		30 - 110							

Lab Sample ID: MB 160-752029/1-A

Matrix: Water

Analysis Batch: 755153

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 752029

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	<0.138	U	0.0659	0.0659	1.00	0.138	pCi/L	01/02/26 07:58	01/26/26 23:18	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

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

Lab Sample ID: MB 160-752029/1-A

Matrix: Water

Analysis Batch: 755153

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 752029

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.2		30 - 110

Prepared	Analyzed	Dil Fac
01/02/26 07:58	01/26/26 23:18	1

Lab Sample ID: LCS 160-752029/2-A

Matrix: Water

Analysis Batch: 755153

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 752029

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.719		1.07	1.00	0.180	pCi/L	102	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	82.1		30 - 110

Lab Sample ID: 500-279082-21 DU

Matrix: Water

Analysis Batch: 755153

Client Sample ID: G39S

Prep Type: Total/NA

Prep Batch: 752029

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.365		0.5952		0.165	1.00	0.125	pCi/L	0.77	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.4		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-749164/1-A

Matrix: Water

Analysis Batch: 752063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749164

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8325		0.477	0.483	1.00	0.704	pCi/L	12/12/25 08:04	01/02/26 11:57	1

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.4		30 - 110
Y Carrier	83.7		30 - 110

Prepared	Analyzed	Dil Fac
12/12/25 08:04	01/02/26 11:57	1
12/12/25 08:04	01/02/26 11:57	1

Lab Sample ID: LCS 160-749164/2-A

Matrix: Water

Analysis Batch: 752063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749164

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.80	8.719		1.27	1.00	0.623	pCi/L	112	75 - 125

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

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

Lab Sample ID: LCS 160-749164/2-A

Matrix: Water

Analysis Batch: 752063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749164

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	89.4		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: MB 160-749663/1-A

Matrix: Water

Analysis Batch: 752660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749663

		MB	MB	Count	Total						
		Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Analyte				(2σ+/-)	(2σ+/-)						
Radium-228		<0.691	U	0.417	0.418	1.00	0.691	pCi/L	12/16/25 08:21	01/06/26 12:03	1
				MB	MB						
Carrier				%Yield	Qualifier	Limits	Prepared		Analyzed	Dil Fac	
Ba Carrier				88.2		30 - 110	12/16/25 08:21		01/06/26 12:03	1	
Y Carrier				81.1		30 - 110	12/16/25 08:21		01/06/26 12:03	1	

Lab Sample ID: LCS 160-749663/2-A

Matrix: Water

Analysis Batch: 752660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749663

		Spike	LCS	LCS	Total						
		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	%Rec	Limits
Analyte					(2σ+/-)						
Radium-228		7.79	7.956		1.23	1.00	0.698	pCi/L	102	75 - 125	
				LCS	LCS						
Carrier				%Yield	Qualifier	Limits					
Ba Carrier				89.9		30 - 110					
Y Carrier				80.0		30 - 110					

Lab Sample ID: MB 160-750272/1-A

Matrix: Water

Analysis Batch: 753118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 750272

		MB	MB	Count	Total						
		Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Analyte				(2σ+/-)	(2σ+/-)						
Radium-228		<0.706	U	0.461	0.464	1.00	0.706	pCi/L	12/19/25 08:08	01/09/26 09:52	1
				MB	MB						
Carrier				%Yield	Qualifier	Limits	Prepared		Analyzed	Dil Fac	
Ba Carrier				81.8		30 - 110	12/19/25 08:08		01/09/26 09:52	1	
Y Carrier				83.0		30 - 110	12/19/25 08:08		01/09/26 09:52	1	

Lab Sample ID: LCS 160-750272/2-A

Matrix: Water

Analysis Batch: 753118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750272

		Spike	LCS	LCS	Total						
		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	%Rec	Limits
Analyte					(2σ+/-)						
Radium-228		7.79	8.502		1.28	1.00	0.690	pCi/L	109	75 - 125	

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

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

Lab Sample ID: LCS 160-750272/2-A

Matrix: Water

Analysis Batch: 753118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750272

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	83.2		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: MB 160-750553/1-A

Matrix: Water

Analysis Batch: 753118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 750553

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.691	U	0.415	0.416	1.00	0.691	pCi/L	12/22/25 08:21	01/09/26 12:24	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.2		30 - 110							
Y Carrier	85.6		30 - 110							

Lab Sample ID: LCS 160-750553/2-A

Matrix: Water

Analysis Batch: 753118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750553

					Total								
Analyte			Spike	LCS	LCS	Uncert.	RL	MDC	Unit	%Rec	%Rec Limits		
			Added	Result	Qual	(2σ+/-)							
Radium-228			7.79	9.136		1.38	1.00	0.747	pCi/L	117	75 - 125		
		LCS	LCS										
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	81.8		30 - 110										
Y Carrier	81.5		30 - 110										

Lab Sample ID: MB 160-751111/1-A

Matrix: Water

Analysis Batch: 753546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751111

Analyte	MB MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	<0.528	U	0.275	0.275	1.00	0.528	pCi/L	12/26/25 09:28	01/13/26 10:51	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	81.8		30 - 110							
Y Carrier	82.2		30 - 110							

Lab Sample ID: LCS 160-751111/2-A

Matrix: Water

Analysis Batch: 753546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751111

Analyte	Spike Added	LCS LCS		Total	RL	MDC	Unit	%Rec	%Rec Limits		
		Result	Qual	Uncert. (2σ+/-)							
Radium-228	7.78	7.936		1.15	1.00	0.486	pCi/L	102	75 - 125		

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

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

Lab Sample ID: LCS 160-751111/2-A

Matrix: Water

Analysis Batch: 753546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751111

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.8		30 - 110
Y Carrier	84.5		30 - 110

Lab Sample ID: MB 160-751691/1-A

Matrix: Water

Analysis Batch: 752498

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751691

		MB	MB	Count	Total						
Analyte	Result	Qualifier		Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.709	U		0.421	0.422	1.00	0.709	pCi/L	12/30/25 08:15	01/05/26 12:00	1
				MB	MB						
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fac
Ba Carrier	84.9		30 - 110						12/30/25 08:15	01/05/26 12:00	1
Y Carrier	81.1		30 - 110						12/30/25 08:15	01/05/26 12:00	1

Lab Sample ID: LCS 160-751691/2-A

Matrix: Water

Analysis Batch: 752498

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751691

		Spike	LCS	LCS	Total						
Analyte	Result	Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits	
Radium-228		7.80	10.21		1.48	1.00	0.749	pCi/L	131	75 - 125	
				LCS	LCS						
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	80.2		30 - 110								
Y Carrier	82.6		30 - 110								

Lab Sample ID: 500-279082-15 DU

Matrix: Water

Analysis Batch: 752498

Client Sample ID: T13S

Prep Type: Total/NA

Prep Batch: 751691

		Sample	Sample	DU	DU	Total						
Analyte	Result	Qual		Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit		RER	Limit
Radium-228	<0.812	U		0.9714		0.526	1.00	0.744	pCi/L		0.72	1
				DU	DU							
Carrier	%Yield	Qualifier	Limits									
Ba Carrier	80.2		30 - 110									
Y Carrier	82.6		30 - 110									

Lab Sample ID: MB 160-752030/1-A

Matrix: Water

Analysis Batch: 754707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 752030

		MB	MB	Count	Total						
Analyte	Result	Qualifier		Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	<0.701	U		0.366	0.366	1.00	0.701	pCi/L	01/02/26 08:02	01/21/26 11:51	1

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QC Sample Results

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

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

Lab Sample ID: MB 160-752030/1-A

Matrix: Water

Analysis Batch: 754707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 752030

Carrier	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	85.2		30 - 110	01/02/26 08:02	01/21/26 11:51	1
Y Carrier	80.7		30 - 110	01/02/26 08:02	01/21/26 11:51	1

Lab Sample ID: LCS 160-752030/2-A

Matrix: Water

Analysis Batch: 754707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 752030

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.76	7.746		1.21	1.00	0.710	pCi/L	100	75 - 125

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	82.1		30 - 110
Y Carrier	81.5		30 - 110

Lab Sample ID: 500-279082-21 DU

Matrix: Water

Analysis Batch: 754707

Client Sample ID: G39S

Prep Type: Total/NA

Prep Batch: 752030

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	1.15		0.7840		0.459	1.00	0.657	pCi/L	0.37	1

Carrier	DU DU		Limits
	%Yield	Qualifier	
Ba Carrier	87.4		30 - 110
Y Carrier	76.3		30 - 110

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4
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Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

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Client Information		Sampler Noe Lopez / <i>Tyler W.</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No: 500-137622-50642 1																			
Client Contact James Thorne		Phone		E-Mail Diana Mockler@et.eurofinsus.com		State of Origin		Page Page																			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # <i>500-279082</i>																	
Address 1800 Channahon Road		Due Date Requested		 500-279082 COC						Preservation Codes D HNO3 N - None																	
City Joliet		TAT Requested (days)								Other:																	
State Zip IL, 60436		Compliance Project. ☐ Yes ☐ No																									
Phone		PO # 4502187984																									
Email james.thorne@nrg.com		WO #																									
Project Name Joliet #9 CCR 4Q25		Project # 50011504		Total Number of containers						Special Instructions/Note.																	
Site Illinois		SSOW#																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra226Ra228 - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_C1_E, SM4500_SO4_E		Total Number of containers		Special Instructions/Note.	

Ver 05/06/2024 27/2026

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Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins

Client Information		Sampler Noe Lopez /		Lab PM Mockler, Diana J		Carrier Tracking No(s)		COC No. 500-137622-50642 1																			
Client Contact: James Thorne		Phone		E-Mail Diana Mockler@et eurofinsus.com		State of Origin		Page Page																			
Company Midwest Generation EME LLC		PWSID		Analysis Requested						Job # 500-279082																	
Address 1800 Channahon Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 - Standard Target List Ra228Ra228_GFPC - Local Method 904.0 - Standard Target List 6020A, 7470A 2540C, 4500_F_C, SM4500_Cl_E, SM4500_S04_E Total Number of containers						Preservation Codes D - HNO3 N - None																	
City Joliet		TAT Requested (days)								Other: 500-279082 COC																	
State, Zip IL, 60436		Compliance Project: ☐ Yes ☐ No																									
Phone		PO # 4502187984																									
Email james.thorne@nrg.com		WO #																									
Project Name Joliet #9 CCR 4Q25		Project # 50011504																									
Site Illinois		SSOW#																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		903.0 - Standard Target List		Ra228Ra228_GFPC - Local Method		904.0 - Standard Target List		6020A, 7470A		2540C, 4500_F_C, SM4500_Cl_E, SM4500_S04_E		Total Number of containers		Special Instructions/Note.	
						Preservation Code.																					
20 G44S		12/26/25		0812				Water																			
21 G39S		12/26/25		0911				Water																			
22 G46S		12/26/25		1003				Water																			
23 G45S		12/26/25		1105				Water																			
24 G48S		12/26/25		1230				Water																			
25 G47S		12/26/25		1348				Water																			
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Fuzzification testing

Ver: 05/06/2024/27/2026

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5201

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[illegible]

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

Chain of Custody Record

[illegible]



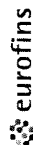
Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5201

Chain of Custody Record

Client Information (Sub Contract Lab)				Carrier Tracking No(s):	COC No:
Client Contact:				Bracken, Jodie V	500-215971.1
Shipping/Receiving				E-Mail: Joann.Bracken@et.eurofinsus.com	Page: Page 1 of 1
Company:				Accreditations Required (See note):	Job #:
TestAmerica Laboratories, Inc.				NELAP - Illinois	500-279082-1
Address:				Preservation Codes:	
13715 Rider Trail North,					
City:					
Earth City					
State, Zip:					
MO, 63045					
Phone:					
314-298-8566(Tel) 314-298-8757(Fax)					
Email:					
N/A					
Project Name:					
Joliet #9 (Quarry) COR 4Q26					
Site:					
NRG Midwest Generation LSQ Joliet #9 CCR					
PO #:					
N/A					
WO #:					
N/A					
Project #:					
50011504					
SSOW#:					
N/A					
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
09:47 Central				09:47 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
11:34 Central				11:34 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
14:48 Central				14:48 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
09:47 Central				09:47 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
11:34 Central				11:34 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
14:48 Central				14:48 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
09:47 Central				09:47 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
11:34 Central				11:34 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
14:48 Central				14:48 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
09:47 Central				09:47 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
11:34 Central				11:34 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
14:48 Central				14:48 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
09:47 Central				09:47 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water				Water	
Sample Date				Sample Date	
12/22/25				12/22/25	
Sample Time				Sample Time	
11:34 Central				11:34 Central	
Sample Type (C=comp, G=grab)				Sample Type (C=comp, G=grab)	
G				G	
Matrix (Water, Seawater, Overwater)				Matrix (Water, Seawater, Overwater)	
Water					

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

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9,2.3,2.7,0.6,0.9,1.2,2.2,1.4,0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 12/11/25 01:50 PM

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

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: 500-279082-2

Login Number: 279082

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/15/25 12:36 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 4

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/18/25 11:55 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 5

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/19/25 01:33 PM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 6

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/23/25 01:45 PM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 7

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 12/29/25 10:44 AM

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

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

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-279082-2

Login Number: 279082

List Number: 8

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 12/31/25 10:19 AM

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

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

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T09S

Lab Sample ID: 500-279082-1

Date Collected: 12/09/25 11:28

Matrix: Water

Date Received: 12/09/25 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			749163	VLQ	EET SL	12/12/25 08:02
Total/NA	Analysis	903.0		1	752497	SWS	EET SL	01/05/26 08:01
Total/NA	Prep	PrecSep_0			749164	VLQ	EET SL	12/12/25 08:04
Total/NA	Analysis	904.0		1	752064	CMM	EET SL	01/02/26 12:09
Total/NA	Analysis	Ra226_Ra228		1	752848	SCB	EET SL	01/07/26 17:12

Client Sample ID: T06S

Lab Sample ID: 500-279082-2

Date Collected: 12/09/25 13:30

Matrix: Water

Date Received: 12/09/25 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			749163	VLQ	EET SL	12/12/25 08:02
Total/NA	Analysis	903.0		1	752497	SWS	EET SL	01/05/26 08:01
Total/NA	Prep	PrecSep_0			749164	VLQ	EET SL	12/12/25 08:04
Total/NA	Analysis	904.0		1	752064	CMM	EET SL	01/02/26 12:09
Total/NA	Analysis	Ra226_Ra228		1	752848	SCB	EET SL	01/07/26 17:12

Client Sample ID: T02S

Lab Sample ID: 500-279082-3

Date Collected: 12/12/25 10:18

Matrix: Water

Date Received: 12/12/25 15:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			749662	VLQ	EET SL	12/16/25 08:17
Total/NA	Analysis	903.0		1	752800	SCB	EET SL	01/07/26 09:38
Total/NA	Prep	PrecSep_0			749663	VLQ	EET SL	12/16/25 08:21
Total/NA	Analysis	904.0		1	752660	SWS	EET SL	01/06/26 12:07
Total/NA	Analysis	Ra226_Ra228		1	753576	SCB	EET SL	01/13/26 15:57

Client Sample ID: T05S

Lab Sample ID: 500-279082-4

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			749662	VLQ	EET SL	12/16/25 08:17
Total/NA	Analysis	903.0		1	752800	SCB	EET SL	01/07/26 09:38
Total/NA	Prep	PrecSep_0			749663	VLQ	EET SL	12/16/25 08:21
Total/NA	Analysis	904.0		1	752660	SWS	EET SL	01/06/26 12:07
Total/NA	Analysis	Ra226_Ra228		1	753576	SCB	EET SL	01/13/26 15:57

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T05S Dup

Lab Sample ID: 500-279082-5

Date Collected: 12/12/25 12:53

Matrix: Water

Date Received: 12/12/25 15:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			749662	VLQ	EET SL	12/16/25 08:17
Total/NA	Analysis	903.0		1	752800	SCB	EET SL	01/07/26 09:38
Total/NA	Prep	PrecSep_0			749663	VLQ	EET SL	12/16/25 08:21
Total/NA	Analysis	904.0		1	752660	SWS	EET SL	01/06/26 12:07
Total/NA	Analysis	Ra226_Ra228		1	753576	SCB	EET SL	01/13/26 15:57

Client Sample ID: T08S

Lab Sample ID: 500-279082-6

Date Collected: 12/16/25 10:17

Matrix: Water

Date Received: 12/16/25 15:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750271	VLQ	EET SL	12/19/25 08:05
Total/NA	Analysis	903.0		1	753430	FLC	EET SL	01/12/26 15:06
Total/NA	Prep	PrecSep_0			750272	VLQ	EET SL	12/19/25 08:08
Total/NA	Analysis	904.0		1	753118	SWS	EET SL	01/09/26 09:51
Total/NA	Analysis	Ra226_Ra228		1	753577	SCB	EET SL	01/13/26 15:57

Client Sample ID: G41S

Lab Sample ID: 500-279082-7

Date Collected: 12/16/25 13:31

Matrix: Water

Date Received: 12/16/25 15:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750271	VLQ	EET SL	12/19/25 08:05
Total/NA	Analysis	903.0		1	753430	FLC	EET SL	01/12/26 15:06
Total/NA	Prep	PrecSep_0			750272	VLQ	EET SL	12/19/25 08:08
Total/NA	Analysis	904.0		1	753118	SWS	EET SL	01/09/26 09:52
Total/NA	Analysis	Ra226_Ra228		1	753577	SCB	EET SL	01/13/26 15:57

Client Sample ID: T01S

Lab Sample ID: 500-279082-8

Date Collected: 12/17/25 10:15

Matrix: Water

Date Received: 12/17/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750552	VLQ	EET SL	12/22/25 08:18
Total/NA	Analysis	903.0		1	753564	FLC	EET SL	01/13/26 22:38
Total/NA	Prep	PrecSep_0			750553	VLQ	EET SL	12/22/25 08:21
Total/NA	Analysis	904.0		1	753105	SCB	EET SL	01/09/26 12:34
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: T11S

Lab Sample ID: 500-279082-9

Date Collected: 12/17/25 13:04

Matrix: Water

Date Received: 12/17/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750552	VLQ	EET SL	12/22/25 08:18
Total/NA	Analysis	903.0		1	753564	FLC	EET SL	01/13/26 22:38
Total/NA	Prep	PrecSep_0			750553	VLQ	EET SL	12/22/25 08:21
Total/NA	Analysis	904.0		1	753105	SCB	EET SL	01/09/26 12:34
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: G33S

Lab Sample ID: 500-279082-10

Date Collected: 12/17/25 14:32

Matrix: Water

Date Received: 12/17/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750552	VLQ	EET SL	12/22/25 08:18
Total/NA	Analysis	903.0		1	753564	FLC	EET SL	01/13/26 22:38
Total/NA	Prep	PrecSep_0			750553	VLQ	EET SL	12/22/25 08:21
Total/NA	Analysis	904.0		1	753105	SCB	EET SL	01/09/26 12:34
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: G30S

Lab Sample ID: 500-279082-11

Date Collected: 12/22/25 09:47

Matrix: Water

Date Received: 12/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751109	AMS	EET SL	12/26/25 09:24
Total/NA	Analysis	903.0		1	754521	SWS	EET SL	01/20/26 09:41
Total/NA	Prep	PrecSep_0			751111	AMS	EET SL	12/26/25 09:28
Total/NA	Analysis	904.0		1	753564	FLC	EET SL	01/13/26 11:02
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: G20S

Lab Sample ID: 500-279082-12

Date Collected: 12/22/25 11:34

Matrix: Water

Date Received: 12/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751109	AMS	EET SL	12/26/25 09:24
Total/NA	Analysis	903.0		1	754521	SWS	EET SL	01/20/26 09:41
Total/NA	Prep	PrecSep_0			751111	AMS	EET SL	12/26/25 09:28
Total/NA	Analysis	904.0		1	753564	FLC	EET SL	01/13/26 11:02
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G31S

Lab Sample ID: 500-279082-13

Date Collected: 12/22/25 14:48

Matrix: Water

Date Received: 12/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751109	AMS	EET SL	12/26/25 09:24
Total/NA	Analysis	903.0		1	754521	SWS	EET SL	01/20/26 09:41
Total/NA	Prep	PrecSep_0			751111	AMS	EET SL	12/26/25 09:28
Total/NA	Analysis	904.0		1	753564	FLC	EET SL	01/13/26 11:02
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: G42S

Lab Sample ID: 500-279082-14

Date Collected: 12/23/25 07:57

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	754926	SWS	EET SL	01/22/26 23:13
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:04
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: T13S

Lab Sample ID: 500-279082-15

Date Collected: 12/23/25 09:18

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	754926	SWS	EET SL	01/22/26 23:13
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:04
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: T03S

Lab Sample ID: 500-279082-16

Date Collected: 12/23/25 10:14

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	754926	SWS	EET SL	01/22/26 23:14
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:03
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: R32S

Lab Sample ID: 500-279082-17

Date Collected: 12/23/25 11:41

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	754926	SWS	EET SL	01/22/26 23:14
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:03
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: R08S

Lab Sample ID: 500-279082-18

Date Collected: 12/23/25 12:42

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	754926	SWS	EET SL	01/22/26 23:14
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:04
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: T12S

Lab Sample ID: 500-279082-19

Date Collected: 12/23/25 13:46

Matrix: Water

Date Received: 12/23/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			751690	VLQ	EET SL	12/30/25 08:13
Total/NA	Analysis	903.0		1	755094	SCB	EET SL	01/23/26 09:29
Total/NA	Prep	PrecSep_0			751691	VLQ	EET SL	12/30/25 08:15
Total/NA	Analysis	904.0		1	752498	SWS	EET SL	01/05/26 12:04
Total/NA	Analysis	Ra226_Ra228		1	755130	FLC	EET SL	01/23/26 16:23

Client Sample ID: G44S

Lab Sample ID: 500-279082-20

Date Collected: 12/26/25 08:12

Matrix: Water

Date Received: 12/26/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:19
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:50
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G39S

Date Collected: 12/26/25 09:11

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:20
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:51
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

Client Sample ID: G46S

Date Collected: 12/26/25 10:03

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:20
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:51
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

Client Sample ID: G45S

Date Collected: 12/26/25 11:05

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:20
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:51
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

Client Sample ID: G48S

Date Collected: 12/26/25 12:30

Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:20
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:51
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Client Sample ID: G47S
Date Collected: 12/26/25 13:48
Date Received: 12/26/25 15:05

Lab Sample ID: 500-279082-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			752029	VLQ	EET SL	01/02/26 07:58
Total/NA	Analysis	903.0		1	755153	FLC	EET SL	01/26/26 23:21
Total/NA	Prep	PrecSep_0			752030	VLQ	EET SL	01/02/26 08:02
Total/NA	Analysis	904.0		1	754707	SWS	EET SL	01/21/26 11:51
Total/NA	Analysis	Ra226_Ra228		1	755440	SCB	EET SL	01/27/26 15:34

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: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Job ID: 500-279082-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-26

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)				
Lab Sample ID	Client Sample ID	Ba				
		(30-110)				
500-279082-1	T09S	92.7				
500-279082-2	T06S	93.8				
500-279082-3	T02S	49.0				
500-279082-4	T05S	86.0				
500-279082-5	T05S Dup	86.6				
500-279082-6	T08S	78.2				
500-279082-7	G41S	77.0				
500-279082-8	T01S	73.7				
500-279082-9	T11S	74.5				
500-279082-10	G33S	78.2				
500-279082-11	G30S	76.8				
500-279082-12	G20S	75.7				
500-279082-13	G31S	83.0				
500-279082-14	G42S	73.2				
500-279082-15	T13S	80.4				
500-279082-15 DU	T13S	80.2				
500-279082-16	T03S	80.2				
500-279082-17	R32S	72.6				
500-279082-18	R08S	72.1				
500-279082-19	T12S	81.0				
500-279082-20	G44S	75.4				
500-279082-21	G39S	82.1				
500-279082-21 DU	G39S	87.4				
500-279082-22	G46S	82.7				
500-279082-23	G45S	79.6				
500-279082-24	G48S	77.1				
500-279082-25	G47S	70.9				
LCS 160-749163/2-A	Lab Control Sample	89.4				
LCS 160-749662/2-A	Lab Control Sample	89.9				
LCS 160-750271/2-A	Lab Control Sample	83.2				
LCS 160-750552/2-A	Lab Control Sample	81.8				
LCS 160-751109/2-A	Lab Control Sample	85.8				
LCS 160-751690/2-A	Lab Control Sample	80.2				
LCS 160-752029/2-A	Lab Control Sample	82.1				
MB 160-749163/1-A	Method Blank	89.4				
MB 160-749662/1-A	Method Blank	88.2				
MB 160-750271/1-A	Method Blank	81.8				
MB 160-750552/1-A	Method Blank	85.2				
MB 160-751109/1-A	Method Blank	81.8				
MB 160-751690/1-A	Method Blank	84.9				
MB 160-752029/1-A	Method Blank	85.2				

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

Client: KPRG and Associates, Inc.

Job ID: 500-279082-2

Project/Site: Joliet #9 (Quarry) CCR 4Q25 (RAD)

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)
500-279082-1	T09S	92.7	81.1
500-279082-2	T06S	93.8	81.5
500-279082-3	T02S	49.0	82.2
500-279082-4	T05S	86.0	82.2
500-279082-5	T05S Dup	86.6	77.4
500-279082-6	T08S	78.2	82.2
500-279082-7	G41S	77.0	82.6
500-279082-8	T01S	73.7	82.2
500-279082-9	T11S	74.5	79.6
500-279082-10	G33S	78.2	82.2
500-279082-11	G30S	76.8	82.2
500-279082-12	G20S	75.7	80.0
500-279082-13	G31S	83.0	81.5
500-279082-14	G42S	73.2	84.5
500-279082-15	T13S	80.4	83.0
500-279082-15 DU	T13S	80.2	82.6
500-279082-16	T03S	80.2	81.9
500-279082-17	R32S	72.6	81.9
500-279082-18	R08S	72.1	81.1
500-279082-19	T12S	81.0	81.9
500-279082-20	G44S	75.4	81.1
500-279082-21	G39S	82.1	77.8
500-279082-21 DU	G39S	87.4	76.3
500-279082-22	G46S	82.7	79.3
500-279082-23	G45S	79.6	82.2
500-279082-24	G48S	77.1	81.5
500-279082-25	G47S	70.9	78.5
LCS 160-749164/2-A	Lab Control Sample	89.4	81.1
LCS 160-749663/2-A	Lab Control Sample	89.9	80.0
LCS 160-750272/2-A	Lab Control Sample	83.2	84.1
LCS 160-750553/2-A	Lab Control Sample	81.8	81.5
LCS 160-751111/2-A	Lab Control Sample	85.8	84.5
LCS 160-751691/2-A	Lab Control Sample	80.2	82.6
LCS 160-752030/2-A	Lab Control Sample	82.1	81.5
MB 160-749164/1-A	Method Blank	89.4	83.7
MB 160-749663/1-A	Method Blank	88.2	81.1
MB 160-750272/1-A	Method Blank	81.8	83.0
MB 160-750553/1-A	Method Blank	85.2	85.6
MB 160-751111/1-A	Method Blank	81.8	82.2
MB 160-751691/1-A	Method Blank	84.9	81.1
MB 160-752030/1-A	Method Blank	85.2	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier